

ROBERT EISENHART

Holt Electronic Research



Products of Unique Design

105 EAST SPRUCE ST.

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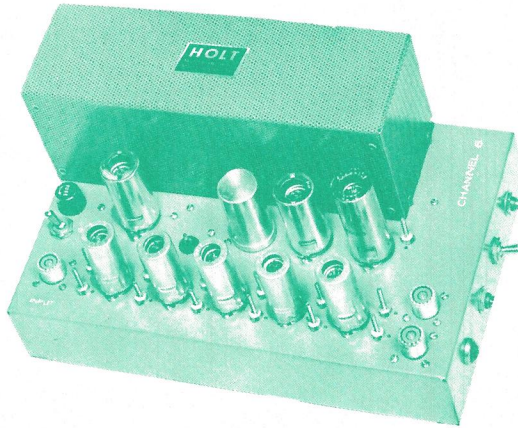
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COMPLETE COMMUNITY TELEVISION SYSTEMS AND ACCESSORIES

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Area Code 717

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HOLT MODEL SD - HES - AGC HEAD END AGC STRIP

NOMENCLATURE FOR MODEL SD - HES - AGC HEAD END AGC AMPLIFIER

DESCRIPTION:

The Model SD HES - AGC amplifier was designed for the Head End of a Community Antenna System. It has its own standby oscillator, mixer output and power supply built in. It also has sound traps and it is designed for color.

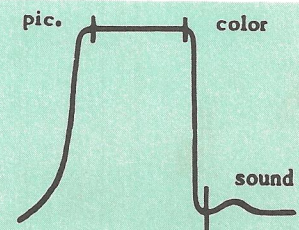
FEATURES:

No extra standby oscillator mixer or power supply needed as the Model SD HES amplifier has all these built in.

Designed for Continuous Commercial Service, long life, economy of operation, excellent stability and matched input and output. Sound traps are built in and it also has a color curve design.

SPECIFICATIONS:

Bandwidth	Flat from picture to color
Sound	15 db. down
Gain	60 db. (picture & color)
Input & output impedance	75 ohms
Suggested input	10 db. (approx. 3000 mv.)
Output level, maximum	60 db.
Available channels	2 thru 13
Power consumption	60 watts
Tube complement - low band	5 - 6BC5's, 1 - 6AW8, 2 - 12AT7's
Tube complement - high band	4 - 5654's, 1 - 8113, 1 - 6AW8, 2 - 12AT7's
Power requirements	115 V. 50 to 60 cycle
Size	5 $\frac{5}{8}$ x 7 x 11 inches
Curve	Example below



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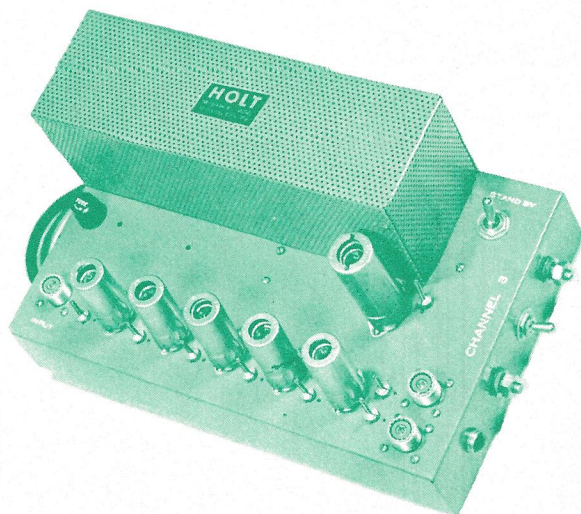
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HOLT MODEL HES - AGC HEAD END AGC STRIP (DELUXE)

NOMENCLATURE FOR MODEL HES - AGC HEAD END - AGC AMPLIFIER

DESCRIPTION:

The model HES - AGC amplifier was designed for the Head End of a Community Antenna System. It has its own mixer output, AGC, and power supply built in. It also has sound traps and it is designed for color.

FEATURES:

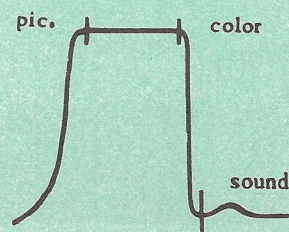
No extra mixer or power supply needed as the Model HES - AGC amplifier has all these built in.

Designed for continuous commercial service, long life, economy of operation, excellent stability and matched input and output. Sound traps are built in and it also has a color curve design.

SPECIFICATIONS:

Bandwidth	Flat from picture to color
Sound	15 db. down
Gain	60 db. (picture & color)
Input and output impedance	75 ohms
Suggested input	10 db. (approx. 3000 mv.)
Output level, maximum	60 db.
Available channels	2 thru 13
Power consumption	45 watts
Tube complement	5 - 6BC5's, 1 - 6AW8, 2 - 12AT7's
Power requirements	115 V. 50 to 60 cycle
Size	5 5/8 x 7 x 11 inches
Curve	Example below

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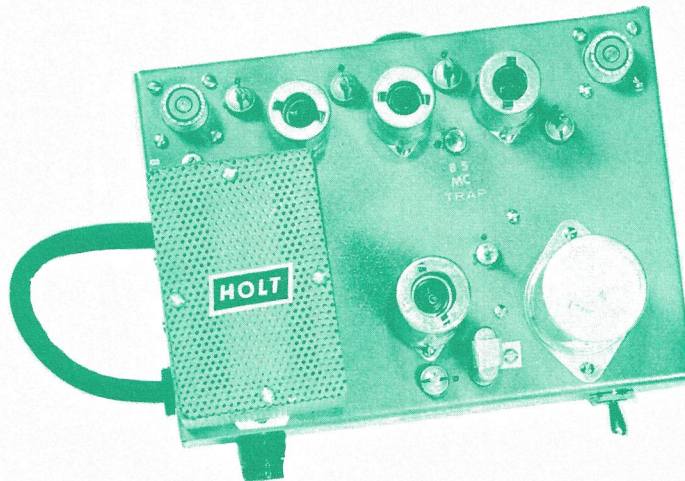
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HOLT
MODEL VHF CON.
VHF CRYSTAL CONTROL
CONVERTER

**NOMENCLATURE FOR MODEL VHF CON. CRYSTAL CONTROL
CONVERTER**

DESCRIPTION:

The Holt VHF Con. is a crystal control converter with high stability used to convert a high channel to a low channel. It is compact and economical to operate at low maintenance cost.

FEATURES:

Designed for Continuous Commercial Service, long life, low operating cost, high gain, low power consumption, low maintenance, is easy to align, has matched input and output, is compact, has a built-in power supply and a crystal control oscillator.

SPECIFICATIONS:

Frequency range	(Optional) (15 to 216 Mc.)
Bandwidth	6 Mc.
Gain	10 to 20 db. on converted freq.
Input impedance	75 ohms
Output impedance	75 ohms
Input signal level	800 to 20,000 mv.
Power consumption	25 watts
Power requirements	115 V. 50 to 60 cycles
Tube complement	3-6AK5, 1-12AT7 1-6807
Size	5 x 7 x 5 inches
Rectifier	Selenium

3-5654

~~3-6AK5, 1-12AT7~~ 1-6807

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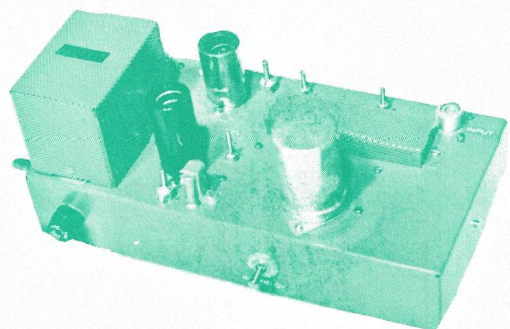


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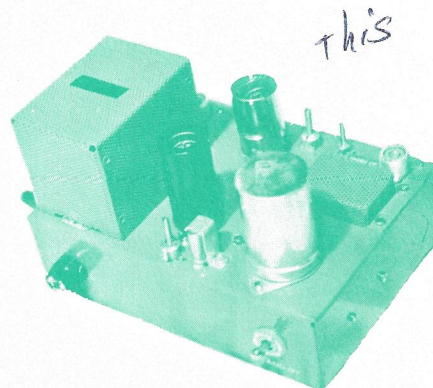


HOLT UHF CRYSTAL CONTROLLED CONVERTER WITH BUILT-IN 2 NUVISTOR PREAMP

Designed to convert a UHF channel to a VHF channel. Has very high stability, low noise and 24 db. gain attained by using 4 tubes (12AT7, 6688, 2-8058 Nuvistors).

Features its own power supply, a 75 ohm input and output and requires a minimum of servicing. Bandwidth aligned to 6 MC. Input signal level 300 to 5000 MV.

Price **\$335.00**

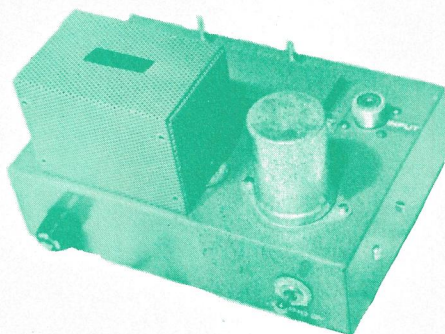


HOLT UHF CRYSTAL CONTROLLED CONVERTER WITH BUILT-IN 1 NUVISTOR PREAMP

Designed to convert a UHF channel to a VHF channel. Has very high stability, low noise and 12 db. gain attained by using 3 tubes (12AT7, 6688, 1-8058 Nuvistor).

Features its own power supply, a 75 ohm input and output and requires a minimum of servicing. Bandwidth aligned to 6 MC. Input signal level 600 to 25,000 MV.

Price **\$265.00**



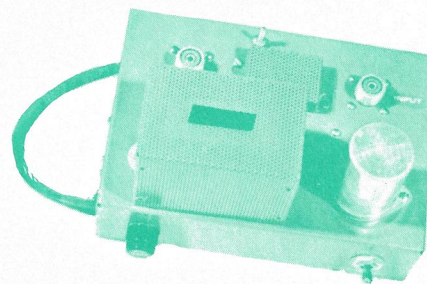
HOLT UHF 2 NUVISTOR PREAMP

Designed to amplify weak signal at low noise and high gain.

Features long life, economy of operation, B+ stand-by switch, 2 8058 Nuvistors.

Bandwidth 6 MC. Available in all UHF channels, 24 DB. gain. 75 ohm input and output.

Price **\$255.00**



HOLT UHF 1 NUVISTOR PREAMP

Designed to amplify weak signal at low noise and high gain.

Features long life, economy of operation, B+ stand-by switch, 1 8058 Nuvistor.

Bandwidth 6 MC. Available in all UHF channels, 14 DB. gain. 75 ohm input and output.

Price **\$155.00**

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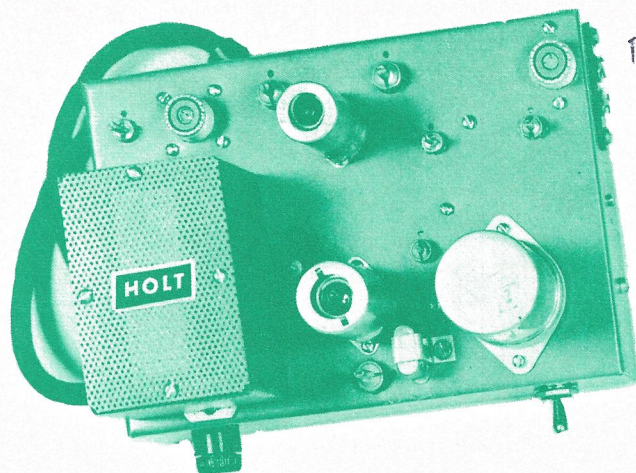
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HOLT UHF CRYSTAL CONTROL CONVERTER STABILIZER



NOMENCLATURE FOR MODEL UHF - 2 CRYSTAL CONTROL CONVERTER

DESCRIPTION:

The Model UHF Crystal Control Converter is an Ultra High Frequency Converter designed to convert a UHF channel to a Low or High VHF channel with very high stability.

FEATURES:

The UHF Crystal Control Converter has unity gain attained by using two tubes. It requires a minimum of servicing, and has a long, economical operating life. It contains its own power supply. It has a 75 or 300 ohm input and a 75 ohm output.

SPECIFICATIONS:

Type	UHF to VHF
Bandwidth	Aligned to 6 Mc.
Gain	Unity
Input impedance	75 or 300 ohm
Output impedance	75 ohms
Tube complement	12AT7, 6688
Input signal level	600 to 50,000
Frequency range	Optional any UHF to VHF
Power consumption	15 watts
Power requirements	115 volts 50 to 60 cycle
Rectifier	Selenium
Size	5 x 7 x 5½ inches

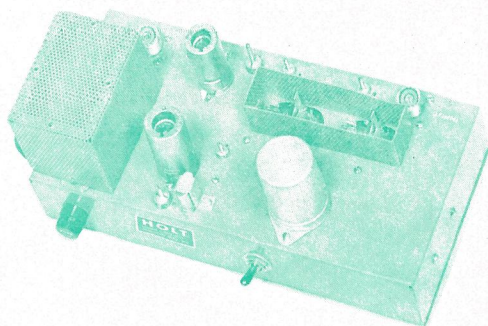
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HOLT UHF CRYSTAL CONTROL CONVERTER STABILIZER WITH BUILT IN 2 TUBE UHF PREAMP.

NOMENCLATURE FOR MODEL UHF - 4 CRYSTAL CONTROL CONVERTER.

DESCRIPTION:

The Model UHF-4 Crystal Control Converter is an Ultra High Frequency Converter, designed to convert a UHF channel to a low or high VHF channel. It has very high stability and 24 db. gain with low noise.

FEATURES:

The UHF Crystal Control Converter has 24 db. gain attained by using four tubes. It requires a minimum of servicing, and has a long economical operating life. It contains its own power supply. It has a 75 ohm input and a 75 ohm output.

SPECIFICATIONS:

Type	UHF to VHF
Bandwidth	Aligned to 6 Mc.
Gain	24 db.
Input impedance	75 ohms
Output impedance	75 ohms
Tube complement	12AT7, 6688, 2 — 6299
Input signal level	300 to 5000 Mv.
Frequency range	Optional any UHF to VHF
Power consumption	30 watts
Power requirements	115 volts 50 to 60 cycle
Rectifier	Selenium
Size	5 x 10 x 5½

A Product of Unique Design

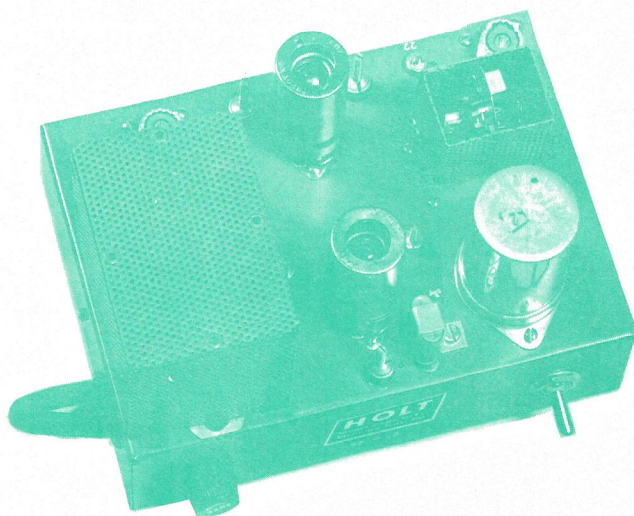


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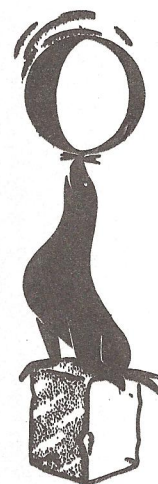
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H O L T **UHF CRYSTAL CONTROL** **CONVERTER STABILIZER** **WITH 6299 TUBE BUILT** **IN PREAMP.**



NOMENCLATURE FOR MODEL UHF - 3 CRYSTAL CONTROL CONVERTER.

DESCRIPTION:

The Model UHF-3-Crystal Control Converter is an ultra high frequency converter designed to convert a UHF channel to a low or high VHF channel with very high stability and 12 db. gain with low noise.

FEATURES:

The UHF Crystal Control Converter has 12 db. gain attained by using three tubes. It requires a minimum of servicing and has a long, economical operating life. It contains its own power supply. It has a 75 ohm input and a 75 ohm output.

SPECIFICATIONS:

Type	UHF to VHF
Bandwidth	Aligned to 6 mc.
Gain	12 db.
Input impedance	75 ohms
Output impedance	75 ohms
Tube complement	6BQ7, 6688, 6299
Input signal level	600 to 25,000 MV.
Frequency range	Optional any UHF to VHF
Power consumption	20 watt
Power requirements	115 Volts 50 to 60 cycle
Rectifier	Selenium
Size	5 x 7 x 5½ inches

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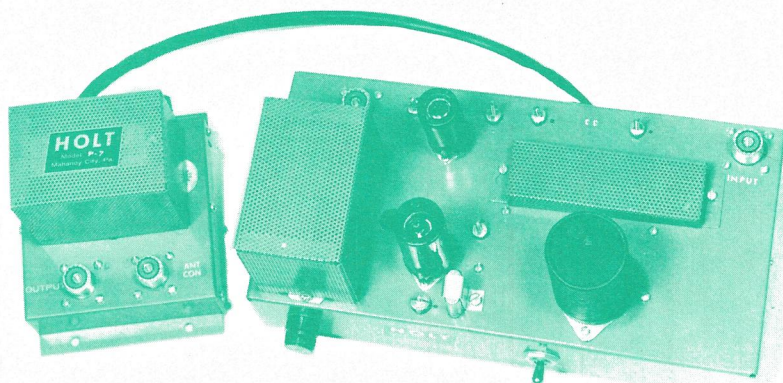


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H O L T REMOTE POWERED UHF CRYSTAL CONTROL CONVERTER STABILIZER WITH BUILT IN 2 TUBE UHF PREAMP.

NOMENCLATURE FOR MODEL R-UHF-4 CRYSTAL CONTROL CONVERTER.

DESCRIPTION:

The Model R-UHF-4 Crystal Control Converter is a remote powered ultra high frequency converter designed to convert a UHF channel to a low or high VHF channel. It has very high stability and 24 db. gain with low noise.

FEATURES:

The UHF Crystal Control Converter has 24 db. gain attained by using four tubes. It requires a minimum of servicing and has a long economical operating life. It contains its own power supply. It has a 75 ohm input and a 75 ohm output.

SPECIFICATIONS:

Type	UHF to VHF
Bandwidth	Aligned to 6 Mc.
Gain	24 db.
Input impedance	75 ohms
Output impedance	75 ohms
Tube complement	12AT7, 6688, 2 - 6299
Input signal level	300 to 5000 Mv.
Frequency range	Optional any UHF to VHF
Power consumption	30 watts
Rectifier	Silicon
Size	5 x 10 x 5½ inches

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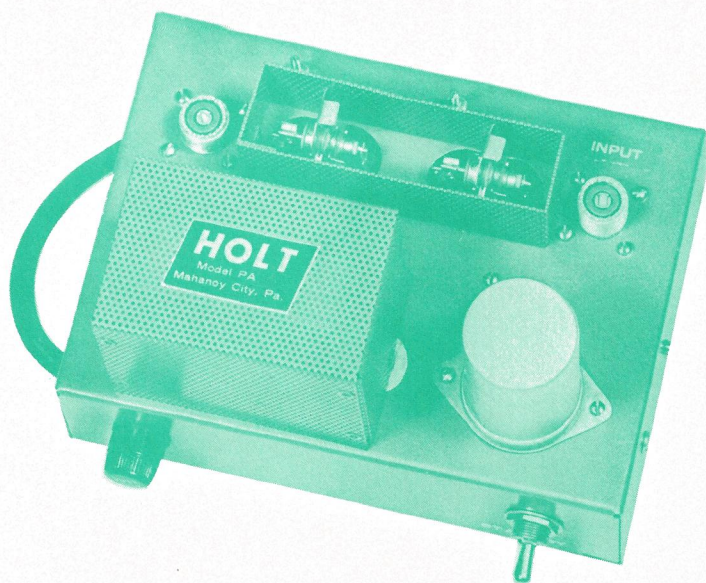


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HOLT MODEL UHF-SD2 PREAMPLIFIER

NOMENCLATURE FOR MODEL UHF-SD2 PREAMPLIFIER

DESCRIPTION:

The model UHF-SD2 was designed to amplify weak signals at low noise with high gain.

FEATURES:

Low noise, high gain, 2 tubes, long life, economy of operation, B+ standby switch.

SPECIFICATIONS:

Bandwidth	6 Megacycles
Available channels	All UHF (Specify)
Gain	24 db.
Input and output impedance	75 ohms
Noise figure	6 db.
Power consumption	20 watts
Power requirements	115 V. 50-60 cps.
Dimensions	5 x 5 x 7
Tube complement	2 - 6X4

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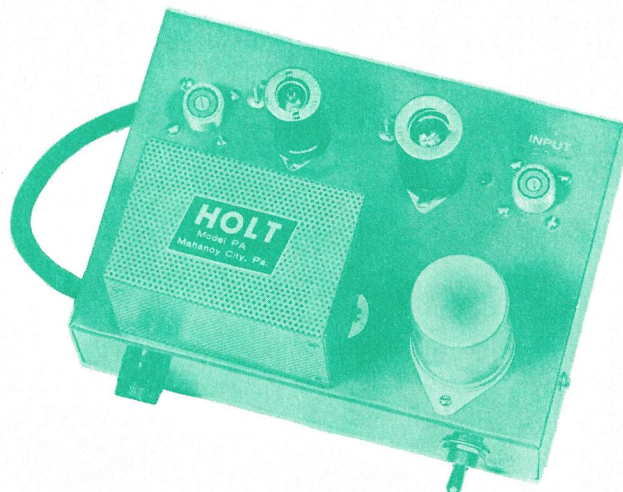


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HOLT MODEL UHF-D2 PREAMPLIFIER

NOMENCLATURE FOR MODEL UHF- D2 PREAMPLIFIER

DESCRIPTION:

The model UHF- D2 was designed to amplify weak signal at low noise with high gain.

FEATURES:

Low noise, high gain, 2 tubes, long life, economy of operation, B+ standby switch.

SPECIFICATIONS:

Bandwidth	6 Megacycles
Available channels	All UHF (Specify)
Gain	20 db.
Input and output impedance	75 ohms
Noise figure	7 db.
Power consumption	20 watts
Power requirements	115 V. 50-60 cps.
Dimensions	5 x 5 x 7
Tube complement	2 - 6DL4

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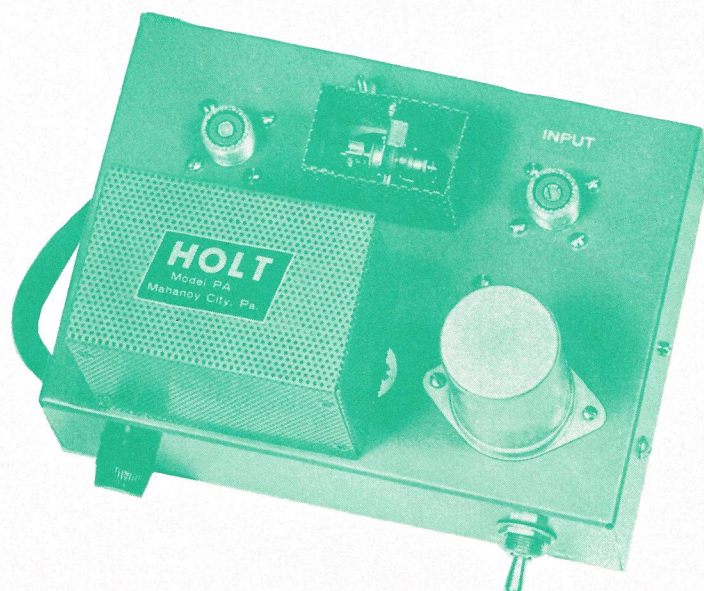


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HOLT MODEL UHF-SD1 PREAMPLIFIER

NOMENCLATURE FOR MODEL UHF-SD1 PREAMPLIFIER

DESCRIPTION:

The model UHF-SD1 was designed to amplify weak signal at low noise with high gain.

FEATURES:

Low noise, high gain, 1 tube, long life, economy of operation, B+ standby switch.

SPECIFICATIONS:

Bandwidth	6 Megacycles
Available channels	All UHF (Specify)
Gain	14 db.
Input and output impedance	75 ohms
Noise figure	4.5 db.
Power consumption	10 watts
Power requirements	115 V. 50-60 cps.
Dimensions	5 x 5 x 7
Tube complement	1 - 6X4

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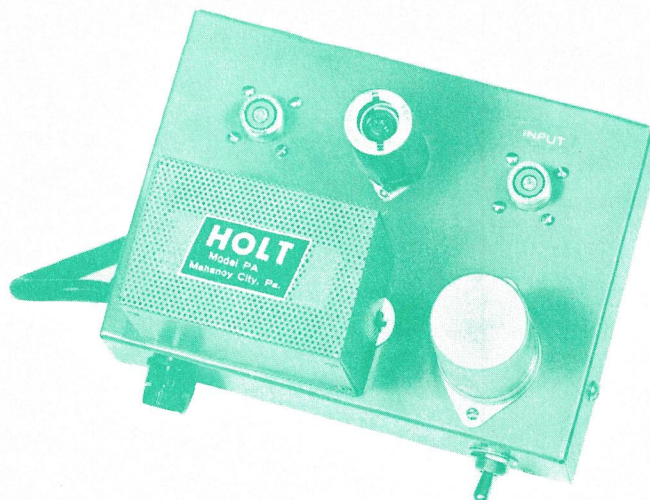
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HOLT MODEL UHF-D1 PREAMPLIFIER

NOMENCLATURE FOR MODEL UHF-D1 PREAMPLIFIER

DESCRIPTION:

The model UHF- D1 was designed to amplify weak signal at low noise with high gain.

FEATURES:

Low noise, high gain, 1 tube, long life, economy of operation, B+ standby switch.

SPECIFICATIONS:

Bandwidth	6 Megacycles
Available channels	All UHF (Specify)
Gain	12 db.
Input and output impedance	75 ohms
Noise figure	5.5 db.
Power consumption	10 watts
Power requirements	115 V. 50-60 cps.
Dimensions	5 x 5 x 7
Tube complement	1 - EC88 (6DL4)

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HOLT MODEL VHF-C2 PREAMPLIFIER

NOMENCLATURE FOR MODEL VHF-C2 PREAMPLIFIER

DESCRIPTION:

The model VHF-C2 was designed to amplify weak signal at low noise with high gain.

FEATURES:

Low noise, high gain, 2 tubes, long life, economy of operation, B+ standby switch.

SPECIFICATIONS:

Bandwidth	6 Megacycles
Available channels	2-13 (Specify)
Gain channels 2-6	40 db.
Gain channels 7-13	30 db.
Input and output impedance	75 ohms
Noise figure	4 db.
Power consumption	20 watts
Power requirements	115 V. 50-60 cps.
Dimensions	5 x 5 x 7
Tube complement	1 - 6922, 1 - 6AK5

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HOLT MODEL VHF-C1 PREAMPLIFIER

NOMENCLATURE FOR MODEL VHF-C1 PREAMPLIFIER

DESCRIPTION:

The model VHF-C1 was designed to amplify weak signal at low noise with a gain of 18 db.

FEATURES:

Low noise, high gain, 1 tube, long life, economy of operation, B+ standby switch.

SPECIFICATIONS:

Bandwidth	6 Megacycles
Available channels	2 through 13 (Specify)
Gain channels 2-6	18 db.
Gain channels 7-13	15 db.
Input and output impedance	75 ohms
Noise figure	3.5 db.
Power consumption	15 watts
Power requirements	115 V. 50-60 cps.
Dimensions	5 x 5 x 7
Tube complement	1 - 6922

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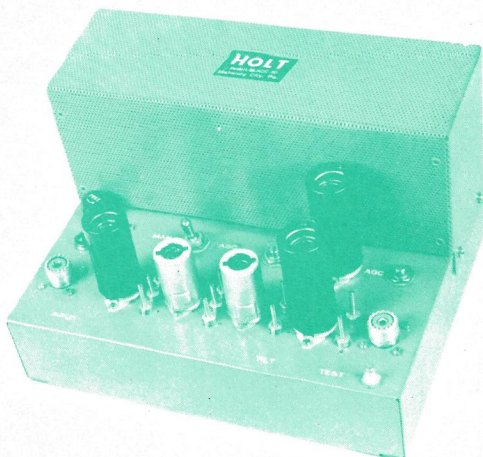
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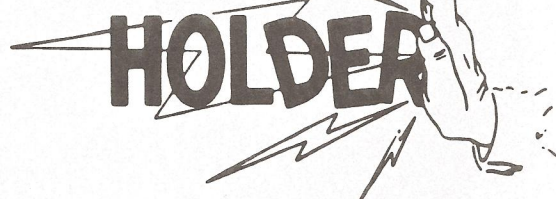
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THIS IS A FIRST

THE HOLT
LBB AGC-50 SIGNAL



FOR THOSE LONG TRUNK LINES

NOMENCLATURE FOR MODEL LBB-AGC-50 BROADBAND LINE AMPLIFIER

DESCRIPTION:

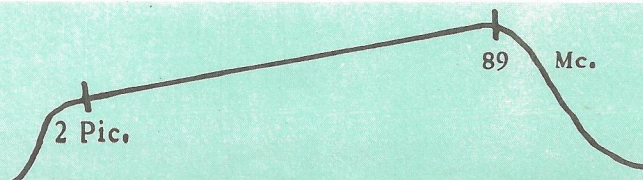
The model LBB-AGC-50 broadband line amplifier was designed for channels 2 thru 6. It has high stability through the use of a complete automatic gain control circuit with very excellent holding quality.

FEATURES:

Designed for Continuous Commercial Service, long life, low operating cost, high gain, low noise, low power consumption, linear curve response, variable tilt, low maintenance. It is also designed for zero db. input level which is suited for long lengths of cable.

SPECIFICATIONS:

Type	Broadband Ch. 2 through 6
Tilt	3 to 6 db. variable
Control	Manual or automatic gain
Input	0 to 15 db. (0 db. at 1000 mv.)
Suggested input	6 db.
Output	40-45 db. mv.
Alignment—Factory aligned, and can be aligned by technician with proper equipment.	
Gain	50 db. at Ch. 6-
Power consumption	45 watts 115 v. 60 cps.
Test point	20 db. down
Impedance	Input 75 ohms, output 75 ohms
Curve	Linear plus or minus .5 db.
Dimensions	7 x 5 $\frac{3}{8}$ x 9 inches
Tube complement	6922, 2-5654's, 12BY7, 6AW8
Example curve	Drawing below



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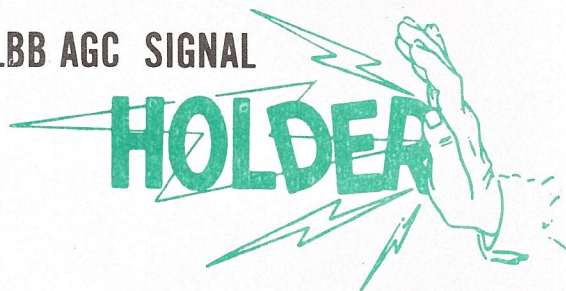
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THE HOLT LBB AGC SIGNAL

HOLDER



NOMENCLATURE FOR MODEL LBB AGC, BROAD BAND LINE AMPLIFIER

DESCRIPTION

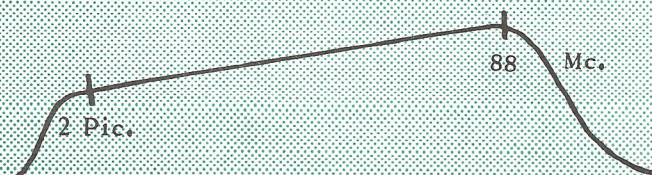
The Model LBB AGC broad band line amplifier; designed for 5 adjacent channel bandwidth and high stability through the use of a complete automatic gain control circuit with very excellent holding quality.

FEATURES

Designed for Continuous Commercial Service, long life, low operating cost, high gain, low noise, low power consumption, linear curve response, variable tilt, low maintenance.

SPECIFICATIONS

Type	Broadband Ch. 2 through 6
Tilt	4 to 9 db. variable
Control	Manual or automatic gain
Input	0 to 15 db. (0 db. at 1000 mv.)
Suggested input	10 to 15 db.
Output	40 db.
Alignment	Factory aligned, and can be aligned by technician with proper equipment.
Gain	40 db. at Ch. 6
Power consumption	35 watts 115 v. 60 cps.
Test point	20 db. down
Impedance	Input 75 Ohms, output 75 Ohms
Curve	Linear plus or minus .5 db.
Dimensions	7x5½x9 inches
Tube complement	6922, 6CB6, 12BY7, 6AW8
Example curve	Drawing below



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HOLT MODEL LBB - MANUAL 50 BROADBAND LINE AMPLIFIER

NOMENCLATURE FOR MODEL LBB MANUAL 50 CASCODE MANUAL BROADBAND LINE AMPLIFIER

DESCRIPTION:

The model LBB Manual 50 Line Amplifier was designed for use where AGC is not needed and where low noise is desired.

An electronic regulator circuit is installed within the unit to help stabilize the output reading caused by AC changes.

A cascode circuit is installed within the unit to reduce the inherent noise to a minimum.

This amplifier will pass 5 adjacent channels, 2 to 6 inclusive, FM to 95 Mc., at a low operating cost.

FEATURES:

Designed for Continuous Commercial Service, long life, low operating cost, high gain, low noise, low power consumption, linear curve response and variable tilt at low maintenance.

SPECIFICATIONS:

Type	Broadband Ch. 2 through 6, to 95 Mc.
Tilt	4 to 9 db. variable
Control	Manual only
Input	0 to 15 db. (0 db. at 1000 mv.)
Suggested input	10 to 15 db.
Output	45 db.
Alignment - Factory aligned, can be aligned by technician with proper equipment	
Gain	50 db. at Ch. 6
Power consumption	30 watts 115 V. 60 cps.
Impedance	Input 75 ohms, output 75 ohms
Curve	Linear plus or minus .5 db.
Dimensions	7 x 5 5/8 x 9 inches
Tubes	1 - 6922, 2 - 5654, 1 - 12BY7

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HOLT MODEL LBB - MANUAL BROADBAND LINE AMPLIFIER

NOMENCLATURE FOR MODEL LBB MAN. CASCODE MANUAL BROAD BAND LINE AMPLIFIER

DESCRIPTION:

The Model LBB Manual Line Amplifier was designed for use where AGC is not needed and where low noise is desired.

An electronic regulator circuit is installed within the unit to help stabilize the output reading caused by AC changes.

A cascode circuit is installed within the unit to reduce the inherent noise to a minimum.

This amplifier will pass 5 adjacent channels, 2 to 6 inclusive, at a low operating cost.

FEATURES:

Designed for Continuous Commercial Service, long life, low operating cost, high gain, low noise, low power consumption, linear curve response and variable tilt at low maintenance.

SPECIFICATIONS:

Type	Broadband Ch. 2 through 6
Tilt	4 to 9 db. variable
Control	Manual only
Input	0 to 15 db. (0 db. at 1000 mv.)
Suggested input	10 to 15 db.
Output	40 db.
Alignment	— Factory aligned and can be aligned by technician with proper equipment.
Gain	40 db. at Ch. 6
Power consumption	30 watts 115 V. 60 cps.
Impedance	Input 75 ohms, output 75 ohms
Curve	Linear plus or minus .5 db.
Dimensions	7 x 5 $\frac{3}{4}$ x 9 inches

A Product of Unique Design

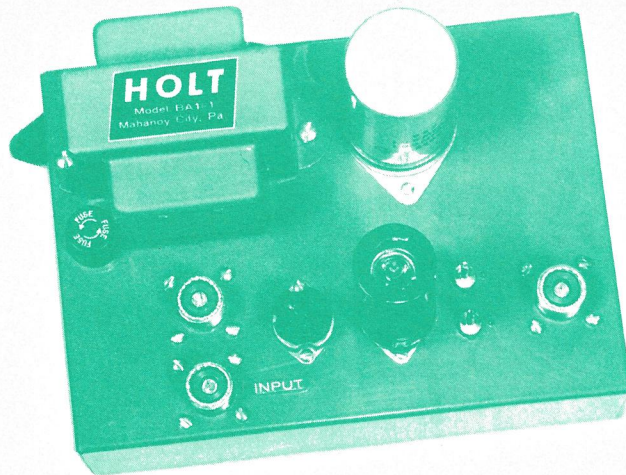


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HOLT MODEL BA 1-1 BRIDGING AMPLIFIER

NOMENCLATURE FOR MODEL BA 1-1 BRIDGING AMPLIFIER

DESCRIPTION:

The model BA 1-1 Bridging Amplifier was designed to drive 1 feeder line, channel 2 to 6, from one main trunk line cable.

FEATURES:

Low output loss, transformer output coupling, variable tilt, low power drain, long life, low maintenance, matched inputs and outputs, excellent stability, and continuous operation.

SPECIFICATIONS:

Frequency range	53 to 95 Mc.
Gain	6 db, Channel 6
Input signal	30 to 40 db. (Optional with insertion pad)
Input impedance	75 ohms
Output impedance	75 ohms
Channels	2 to 6
Output	45 db, Channel 6
Power consumption	25 watts
Power requirements	115 V. 50 - 60 cycle
Size	5 x 5 x 7 inches
Tube complement	1 12BY7

A Product of Unique Design



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HOLT MODEL BA 1-4 BRIDGING AMPLIFIER

NOMENCLATURE FOR MODEL BA 1-4 BRIDGING AMPLIFIER

DESCRIPTION:

The model BA 1-4 Bridging Amplifier was designed to drive four sub-trunk lines, channel 2 to 6, from one main trunk line cable.

FEATURES:

Low output loss, transformer output coupling, variable tilt, low power drain, long life, low maintenance, matched inputs and outputs, excellent stability, and continuous operation.

SPECIFICATIONS:

Frequency range	53 to 95 Mc.
Gain	3 db, Channel 6
Input signal	30 to 40 db (optional with insertion pad)
Input impedance	75 ohms
Output impedance	75 ohms
Channels	2 to 6
Output	45 db, Channel 6
Power consumption	25 watts
Power requirements	115 V. 50 - 60 cycle
Size	5 x 5 x 7 inches
Tube complement	1 12BY7's

A Product of Unique Design

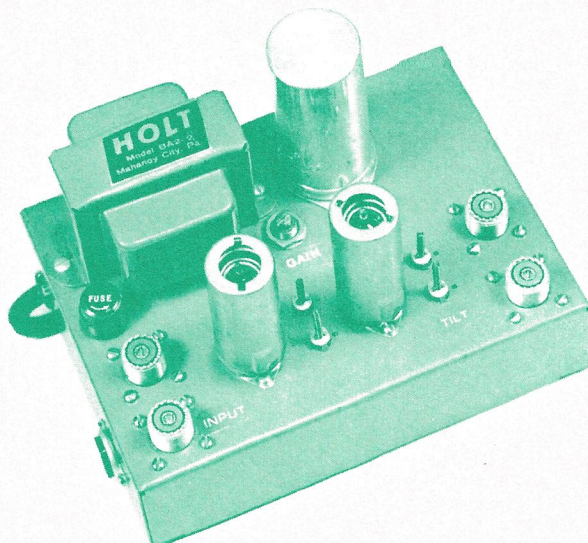


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HOLT MODEL BA 2-2 BRIDGING AMPLIFIER

NOMENCLATURE FOR MODEL BA 2-2 BRIDGING AMPLIFIER

DESCRIPTION:

The model BA 2-2 Bridging Amplifier was designed to drive two sub-trunk lines, channel 2 to 6, from one main trunk line cable.

FEATURES:

Low output loss, transformer output coupling, variable tilt, low power drain, long life, low maintenance, matched inputs and outputs, excellent stability, and continuous operation.

SPECIFICATIONS:

Frequency range	53 to 95 Mc.
Gain	21 db, Channel 6
Input signal	15 to 40 db (optional with insertion pad)
Input impedance	75 ohms
Output impedance	75 ohms
Channels	2 to 6
Output	45 db, Channel 6
Power consumption	35 watts
Power requirements	115 V. 50-60 cycle
Size	5 x 5 x 7 inches
Tube complement	2 12BY7's

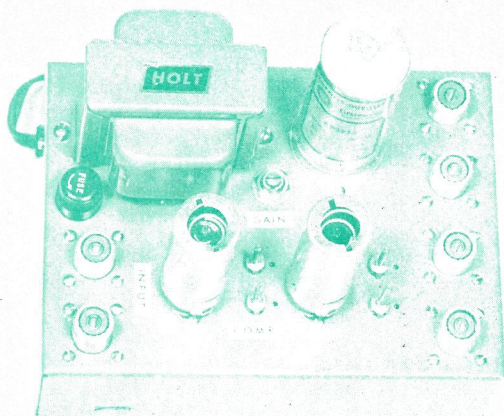
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HOLT MODEL BA 2-4 BRIDGING AMPLIFIER

NOMENCLATURE FOR MODEL BA 2-4 BRIDGING AMPLIFIER

DESCRIPTION:

The model BA 2-4 Bridging Amplifier was designed to drive four sub-trunk lines, channel 2 to 6, from one main trunk line cable.

FEATURES:

Low output loss, transformer output coupling, variable tilt, low power drain, long life, low maintenance, matched inputs and outputs, excellent stability, and continuous operation.

SPECIFICATIONS:

Frequency range	53 to 89 Mc.
Gain	15 to 17 db, Channel 6
Input signal	15 to 40 db (optional with insertion pad)
Input impedance	75 ohms
Output impedance	75 ohms
Channels	2 to 6
Output	45 db, Channel 6
Power Consumption	35 watts
Power requirements	115 V. 50-60 cycle
Size	5 x 5 x 7 inches
Tube complement	2 12BY7's

A Product of Unique Design

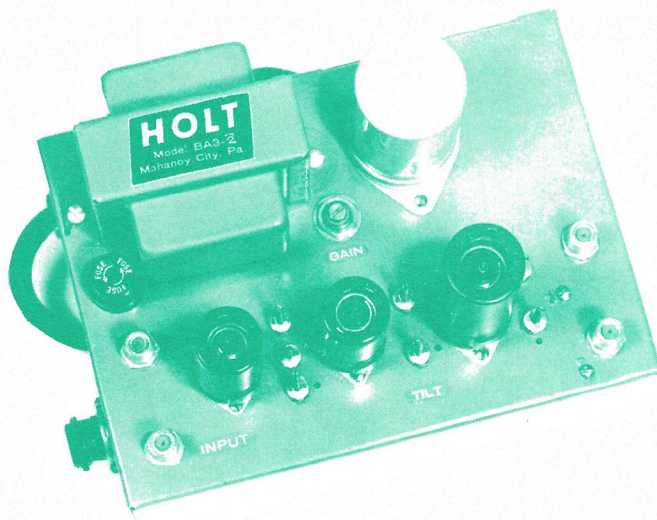


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HOLT MODEL BA 3-2 BRIDGING AMPLIFIER

NOMENCLATURE FOR MODEL BA 3-2 BRIDGING AMPLIFIER

DESCRIPTION:

The model BA 3-2 Bridging Amplifier was designed to drive 2 feeder lines, channel 2 to 6, from one main trunk line cable.

FEATURES:

Low output loss, transformer output coupling, variable tilt, low power drain, long life, low maintenance, matched inputs and outputs, excellent stability, and continuous operation.

SPECIFICATIONS:

Frequency range	53 to 95 Mc.
Gain	25 db, Channel 6
Input signal	15 to 40 db (optional with insertion pad)
Input impedance	75 ohms
Output impedance	75 ohms
Channels	2 to 6
Output	45 db, Channel 6
Power consumption	35 watts
Power requirements	115 V. 50-60 cycle
Size	5 x 5 x 7 inches
Tube complement	1-6EW6, 1-8113, 1-12BY7 or 1-CY5

A Product of Unique Design

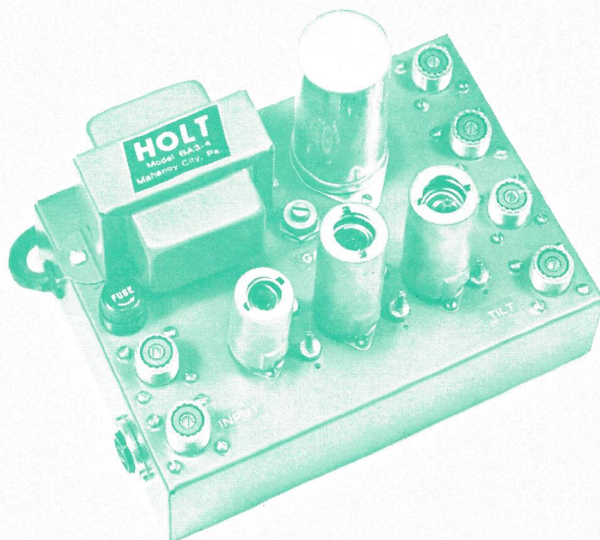


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HOLT MODEL BA 3-4 BRIDGING AMPLIFIER

NOMENCLATURE FOR MODEL BA 3-4 BRIDGING AMPLIFIER

DESCRIPTION:

The model BA 3-4 Bridging Amplifier was designed to drive four sub-trunk lines, channel 2 to 6, from one main trunk line cable.

FEATURES:

Low output loss, transformer output coupling, variable tilt, low power drain, long life, low maintenance, matched inputs and outputs, excellent stability, and continuous operation.

SPECIFICATIONS:

Frequency range	53 to 95 Mc.
Gain	25 db, Channel 6
Input signal	15 to 40 db (optional with insertion pad)
Input impedance	75 ohms
Output impedance	75 ohms
Channels	2 to 6
Output	45 db, Channel 6
Power consumption	35 watts
Power requirements	115 V. 50-60 cycle
Size	5 x 5 x 7 inches
Tube complement	2 12BY7's, 1-6688

A Product of Unique Design

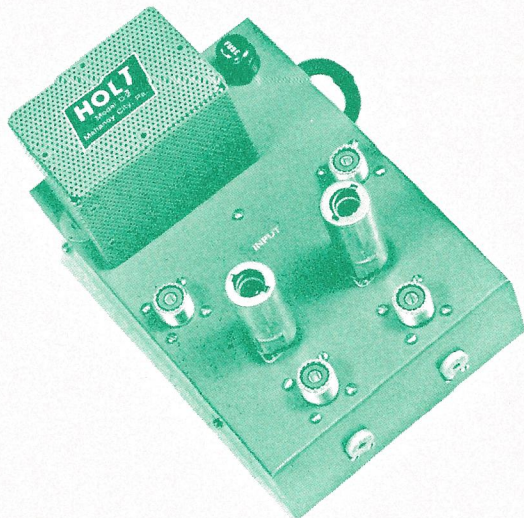


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HOLT MODEL L-D2 DISTRIBUTION BRIDGING AMPLIFIER

NOMENCLATURE FOR MODEL L-D2 DISTRIBUTION BRIDGING AMPLIFIER

DESCRIPTION:

The model L-D2 Distribution Bridging Amplifier was designed to drive two feeder lines, with up to 5 channels and FM to 95 Mc., from a main trunk line cable.

An amazing feature of this unit is the wide bandpass with a minimum of tubes, low operating cost and compactness.

FEATURES:

Wide bandpass, channels 2 to 95 Mc., variable tilt, low and high band. Designed for continuous commercial service, long life economy of operation, excellent stability, matched inputs, and low power drain.

SPECIFICATIONS:

Frequency range	53 to 95 Mc.
Gain	6 db.
Input impedance	Ch. 2 to 6
Output impedance	75 ohms
Channels	75 ohms
Output channel 6	2 to 6
Power consumption	40 db.
Power requirements	25 watts
Size	115 V. 50-60 cycle
Tube complement	5 x 5 x 7 inches
	2 - 6CB6

A Product of Unique Design



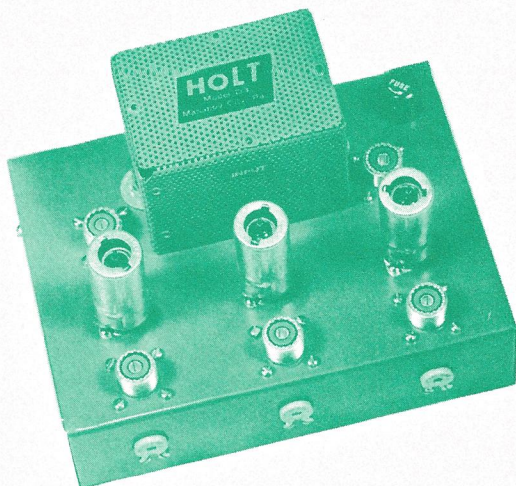
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HOLT MODEL L-D3 DISTRIBUTION BRIDGING AMPLIFIER

NOMENCLATURE FOR MODEL L-D3 DISTRIBUTION BRIDGING AMPLIFIER

DESCRIPTION:

The model L-D3 Distribution Bridging Amplifier was designed to drive three feeder lines, with up to 5 channels and FM to 95 Mc., from a main trunk line cable.

An amazing feature of this unit is the wide bandpass with a minimum of tubes, low operating cost and compactness.

FEATURES:

Wide bandpass, channels 2 to 95 Mc., variable tilt, low and high band. Designed for continuous commercial service, long life economy of operation, excellent stability, matched inputs, and low power drain.

SPECIFICATIONS:

Frequency range	53 to 95 Mc.
Gain 4 db.	Ch. 2 to 6
Input impedance	75 ohms
Output impedance	75 ohms
Channels	2 to 6
Output channel 6	40 db.
Power consumption	25 watts
Power requirements	115 V. 50-60 cycle
Size	5 x 5 x 7 inches
Tube complement	3 - 6CB6

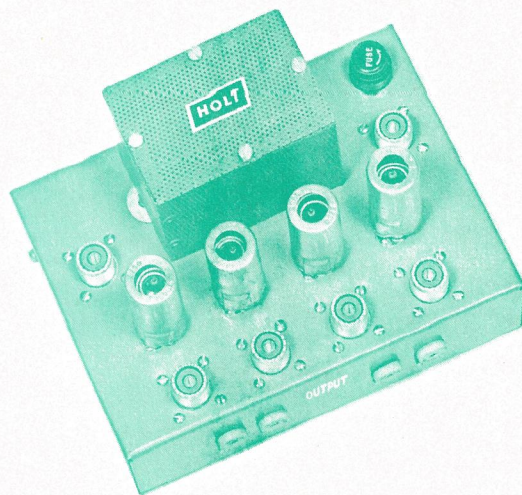
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HOLT MODEL L-D4 DISTRIBUTION BRIDGING AMPLIFIER

NOMENCLATURE FOR MODEL L-D4 DISTRIBUTION BRIDGING AMPLIFIER.

DESCRIPTION:

The Model L-D4 Distribution Bridging Amplifier was designed to drive four feeder lines, with up to 5 channels and FM to 95 Mc., from a main trunk line cable.

An amazing feature of this unit is the wide bandpass with a minimum of tubes, low operating cost and compactness.

FEATURES:

Wide bandpass, channels 2 to 95 Mc., variable tilt, low and high band. Designed for continuous commercial service, long life economy of operation, excellent stability, matched inputs, and low power drain.

SPECIFICATIONS:

Frequency range	53 to 95 Mc.
Gain 4 db.	Ch. 2 to 6
Input impedance	75 ohms
Output impedance	75 ohms
Channels	2 to 13
Output channel 6	40 db.
Power consumption	25 watts
Power requirements	115 V. 50 — 60 cycle
Size	5 x 5 x 7 inches
Tube complement	4 6CY5 or 6FV6 also 6EV5's & 6EA5

A Product of Unique Design

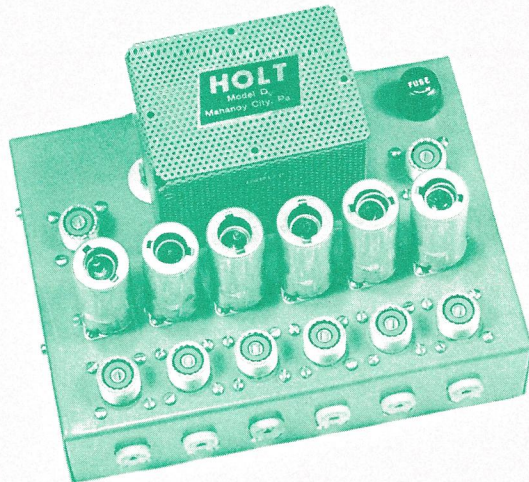


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HOLT MODEL L-D6 DISTRIBUTION BRIDGING AMPLIFIER

NOMENCLATURE FOR MODEL L-D6 DISTRIBUTION BRIDGING AMPLIFIER

DESCRIPTION:

The model L-D6 Distribution Bridging Amplifier was designed to drive six feeder lines, with up to 5 channels and FM to 95 Mc., from a main trunk line cable.

An amazing feature of this unit is the wide bandpass with a minimum of tubes, low operating cost and compactness.

FEATURES:

Wide bandpass, channels 2 to 95 Mc., variable tilt, low and high band. Designed for continuous commercial service, long life economy of operation, excellent stability, matched inputs, and low power drain.

SPECIFICATIONS:

Frequency range	53 to 95 Mc.
Gain 3 db.	Ch. 2 to 6
Input impedance	75 ohms
Output impedance	75 ohms
Channels	2 to 6
Output channel 6	40 db.
Power consumption	30 watts
Power requirements	115 V. 50-60 cycle
Size	5 x 5 x 7 inches
Tube complement	6 - 6CB6

A Product of Unique Design

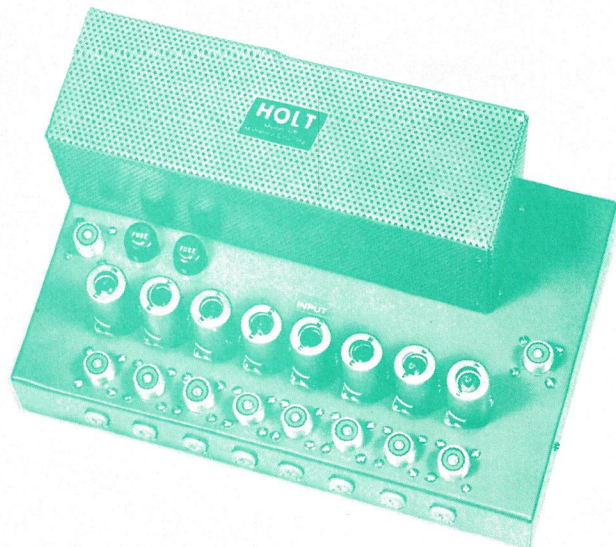


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HOLT MODEL L-D8 DISTRIBUTION BRIDGING AMPLIFIER

NOMENCLATURE FOR MODEL L-D8 DISTRIBUTION BRIDGING AMPLIFIER

DESCRIPTION:

The model L-D8 Distribution Bridging Amplifier was designed to drive 8 feeder lines, with up to 5 channels and FM to 95 Mc., from a main trunk line cable.

An amazing feature of this unit is the wide bandpass with a minimum of tubes, low operating cost and compactness.

FEATURES:

Wide bandpass, channels 2 to 95 Mc., variable tilt, low band. Designed for continuous commercial service, long life, economy of operation, excellent stability, matched inputs, and low power drain.

SPECIFICATIONS:

Frequency range	53 to 95 Mc.
Gain 3 db.	Ch. 2 to 6
Input impedance	75 ohms
Output impedance	75 ohms
Channels	2 to 6
Output channel 6	40 db.
Power consumption	30 watts
Power requirements	115 V. 50-60 cycle
Size	7 x 6 x 11 inches
Tube complement	8 - 6CB6

A Product of Unique Design

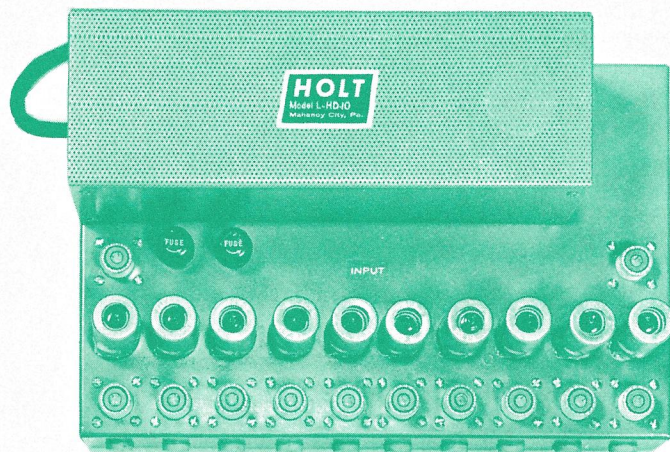


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HOLT MODEL L-D10 DISTRIBUTION BRIDGING AMPLIFIER

NOMENCLATURE FOR MODEL L-D10 DISTRIBUTION BRIDGING AMPLIFIER

DESCRIPTION:

The model L-D10 Distribution Bridging Amplifier was designed to drive 10 feeder lines with up to 5 channels and FM to 95 Mc., from a main trunk line cable.

An amazing feature of this unit is the wide bandpass with a minimum of tubes and low operating cost and compactness.

FEATURES:

Wide bandpass, channels 2 to 95 Mc., variable tilt, low band. Designed for continuous commercial service, long life, economy of operation, excellent stability, matched inputs, low power drain.

SPECIFICATIONS:

Frequency range	53 to 95 Mc.
Gain	3 db.
Ch.	2 to 6
Input impedance	75 ohms
Output impedance	75 ohms
Channels	2 to 6
Output channel 6	43 db.
Power consumption	45 watts
Power requirements	115 V. 50 - 60 cycles
Size	7 x 6 x 11 inches
Tube complement	10 - 6CB6's

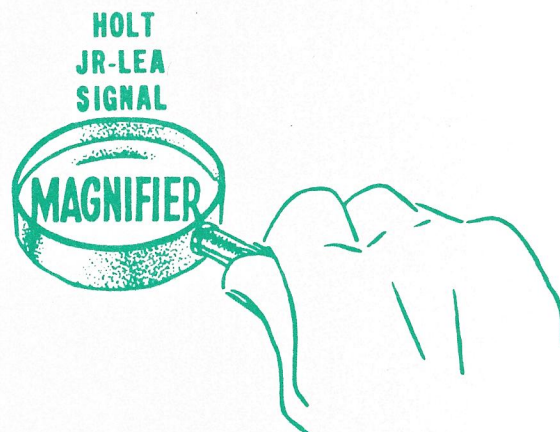
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NOMENCLATURE FOR MODEL LEA LINE EXTENDER AMPLIFIER

DESCRIPTION:

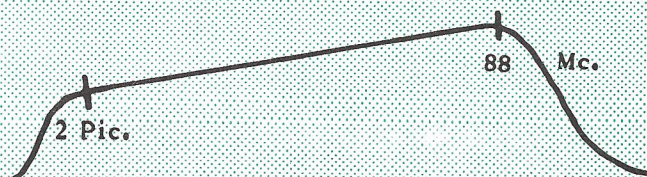
The JR-LEA is a low band line amplifier, designed for extending lines with more precision and high gain, less cross modulation, lower power consumption at low cost.

FEATURES:

Designed for Continuous Commercial Service, long life, low operating cost, high gain, low power drain, variable tilt, low maintenance.

SPECIFICATIONS:

Type	Broadband Ch. 2 through 6.
Tilt	5 to 8 db. variable
Control	Manual gain
Input	0 to 15 db.
Suggested input	6 to 10 db.
Output	40 db.
Alignment	Factory aligned.
Gain overall	40 db. at Ch. 6
Tube complement	3 6CY5 or 6FV6
Power	110 volts 60 cycles A. C.
Watts	25.
Test point	20 db. down
Impedance	Input 75 ohms output 75 ohms.
Curve	Linear plus or minus .5 db.
Dimensions	5 by 5.5 by 7 inches.
Example curve	Drawing below.



A Product of Unique Design

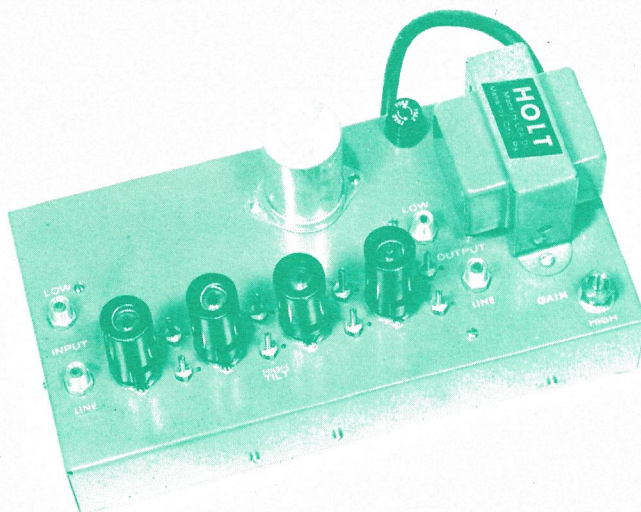


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H O L T HIGH LINE EXTENDER DROP IN AMPLIFIER

NOMENCLATURE FOR H-LEA-DI LINE EXTENDER AMPLIFIER

DESCRIPTION:

The Model H-LEA-DI High Broadband Line Extender Drop-in was designed to amplify channels 7 thru 13. It has been carefully designed to reduce power consumption so it can easily be powered remotely if desired. It has a highly filtered power supply. It has built in low high pass filters and can be coupled to present low band line extenders using jumper cables.

FEATURES:

Designed for continuous commercial service, long life, low operating cost, high gain, low power consumption, linear curve response, variable tilt, low maintenance, and gain control.

SPECIFICATIONS:

Type	Broadband channels 7 thru 13
Tilt	3 - variable
Control	Manual
Input	10 - 15 db.
Output high band	46 db. at ch. 13 for channels 7, 9, 11, and 13
Gain	43 db. at ch. 13 picture
Power consumption	25 watts
Response	Linear plus or minus .5 db.
Tube complement	5 - 6CY5 or 5 - 7717, 2 - 6EW6
Size	5" wide, 10" long, 5" high
Extras	Remote powered: Messenger mounted remote powered housing

A Product of Unique Design

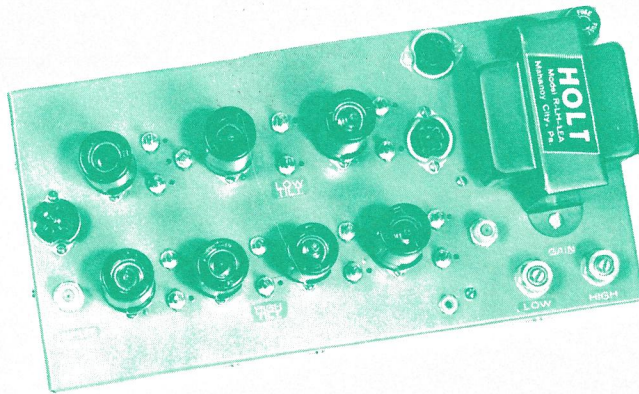


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HOLT REMOTE LOW HIGH BROADBAND LINE EXTENDER AMPLIFIER

NOMENCLATURE FOR R-LH-BB-LEA LINE EXTENDER AMPLIFIER

DESCRIPTION:

The model R-LH-BB-LEA low high broadband line extender was designed to amplify channels 2 thru 6 FM and channels 7 thru 13. It has been carefully designed to reduce power consumption so it can easily be powered remotely if desired. It has a highly filtered power supply.

FEATURES:

Designed for continuous commercial service, long life, low operating cost, high gain, low power consumption, linear curve response, variable tilts, both low and high band, low maintenance, low and high band gain controls, insertion pad for low band to eliminate the use of equalizers.

SPECIFICATIONS:

Type	Broadband channels 2 thru 6 to 95MC and 7 thru 13. (Can be aligned to 108MC with less gain at Ch. 6 picture)
Tilt	3 to 6 db. variable
Control	Manual
Input low band	10-15 db.
Input high band	10-15 db.
Output low band	40 db. at ch. 6 picture
Output high band	46 db. at ch. 13 for channels 7, 9, 11 and 13
Gain low band	38 db. at ch. 6 aligned to 95MC.
Gain high band	43 db. at ch. 13 picture
Power consumption	35 watts
Response	Linear plus or minus .5 db.
Tube complement	5-6CY5 or 5-7717, 2-6EW6
Size	5" wide, 10" long, 5" high
Optional	Can be aligned to 108 MC with less gain
Extras	Remote powered: Messenger mounted remote powered housing
Power supply	Model P3

A Product of Unique Design



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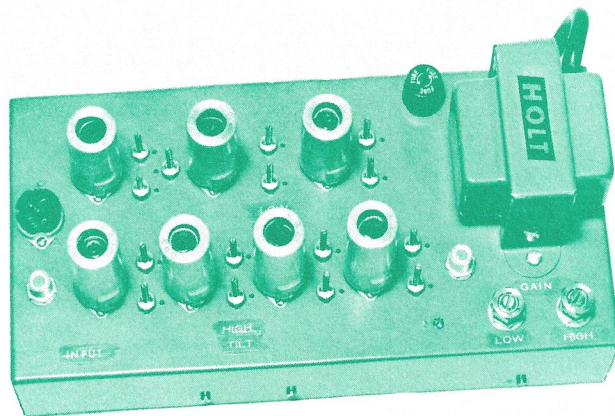
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**HOLT
LOW HIGH BROADBAND
LINE EXTENDER
AMPLIFIER**

NOMENCLATURE FOR LH-BB-LEA LINE EXTENDER AMPLIFIER

DESCRIPTION:

The model LH-BB-LEA low high broadband line extender was designed to amplify channels 2 thru 6 to 95MC. and channels 7 thru 13. It has been carefully designed to reduce power consumption so it can easily be powered remotely if desired. It has a highly filtered power supply.

FEATURES:

Designed for continuous commercial service, long life, low operating cost, high gain, low power consumption, linear curve response, variable tilts, both low and high band, low maintenance, low and high band gain controls, insertion pad for low band to eliminate the use of equalizers.

SPECIFICATIONS:

Type	Broadband channels 2 thru 6 to 95MC and 7 thru 13. (Can be aligned to 108MC with less gain at Ch. 6 picture)
Tilt	3 to 6 db. variable
Control	Manual
Input low band	10-15 db.
Input high band	10-15 db.
Output low band	40 db. at ch. 6 picture
Output high band	46 db. at ch. 13 for channels 7, 9, 11 and 13
Gain low band	38 db. at ch. 6 aligned to 95MC.
Gain high band	43 db. at ch. 13 picture
Power consumption	35 watts
Response	Linear plus or minus .5 db.
Tube complement	5-7717, 2-6EW6
Size	5" wide, 10" long, 5" high
Optional	Can be aligned to 108 MC with less gain
Extras	Remote powered: Messenger mounted remote powered housing

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THE HOLT LH-BB-MAN

LOW-HIGH-FM

BROAD BAND LINE AMPLIFIER

NOMENCLATURE FOR MODEL LH-BB-MAN LOW HIGH BROAD BAND AMPLIFIER

DESCRIPTION

The model LH-BB-MAN low high broad band line amplifier was designed for channels 2 through 6, FM, and channels 7 through 13. It has very high manual stability through the use of a new circuit design making it highly desirable as a trunk line amplifier, and it has a highly filtered power supply.

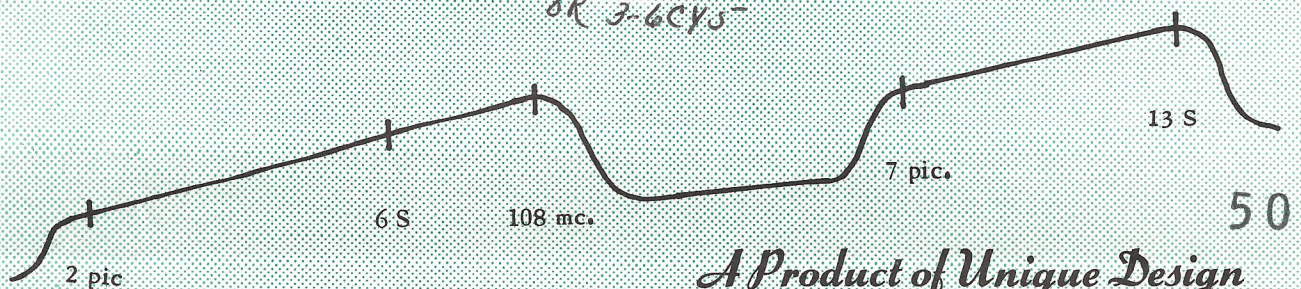
FEATURES

Designed for Continuous Commercial Service, long life, low operating cost, high gain, low noise, low power consumption, linear curve response, variable tilts both low and high band, low maintenance, low and high band gain controls, insertion pad for low band eliminating the use of equalizers and higher gain on the high band than on low band.

SPECIFICATIONS

Type	Broadband channels 2 through 6, FM & 7 through 13
Tilt	3 to 6 db. variable
Control	Manual
Input low band	10 to 15 db.
Input high band	10 to 15 db.
Output low band	38 40 db. above 1000 mv. (0 db.)
Output high band	42 48 db. above 1000 mv. (0 db.)
Alignment	Factory aligned, and can be aligned by technician with proper equipment.
Gain low band	30 40 db.
Gain high band	40 48 db.
Power Consumption	55 watts 115 volts. 60 cps.
Curve	Linear plus or minus .5 db.
Tube complement	2 6922, 3-6EV5, 2 12BY7's

3-8113
OR 3-6CY5-





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H O L T MODEL LH - BB - MAN - 46 LOW-HIGH-FM BROADBAND LINE AMPLIFIER

NOMENCLATURE FOR MODEL LH-BB-MAN-46 LOW HIGH BROAD BAND AMPLIFIER.

DESCRIPTION:

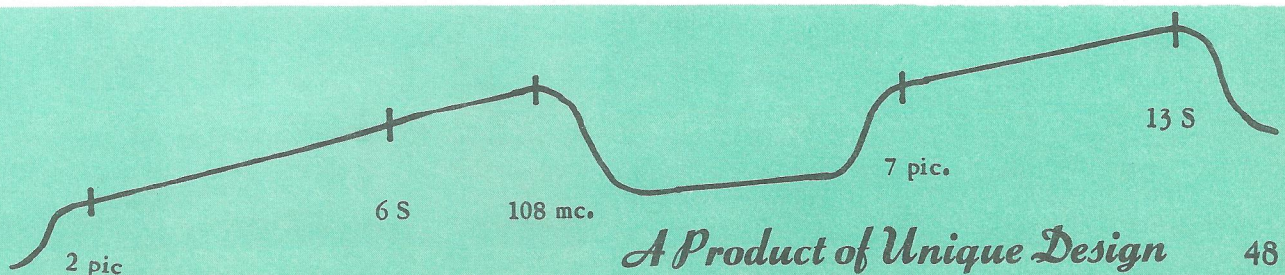
The Model LH-BB-MAN-46 low high broad band line amplifier was designed for channels 2 through 6, FM, and channels 7 through 13. It has very high manual stability through the use of a new circuit design making it highly desirable as a trunk line amplifier, and it has a highly filtered power supply.

FEATURES:

Designed for continuous commercial service, long life, low operating cost, high gain, low noise, low power consumption, linear curve response, variable tilts, both low and high band, low maintenance, low and high band gain controls, insertion pad for low band eliminating the use of equalizers and higher gain on the high band than on low band.

SPECIFICATIONS:

Type	Broadband channels 2 thru 6, FM & 7 thru 13
Tilt	3 to 6 db. variable
Control	Manual
Input low band	10 to 15 db.
Input high band	10 to 15 db.
Output low band	40 db. above 1000 mv. (0 db.)
Output high band	46 db. above 1000 mv. (0 db.)
Alignment —	Factory aligned and can be aligned by technician with proper equipment.
Gain low band	40 db.
Gain high band	46 db.
Power consumption	55 watts 115 volts. 60 cps.
Curve	Linear plus or minus .5 db.
Tube complement	2-6922, 3-6CY5 or 3-8113, 1-7788, 1-8238



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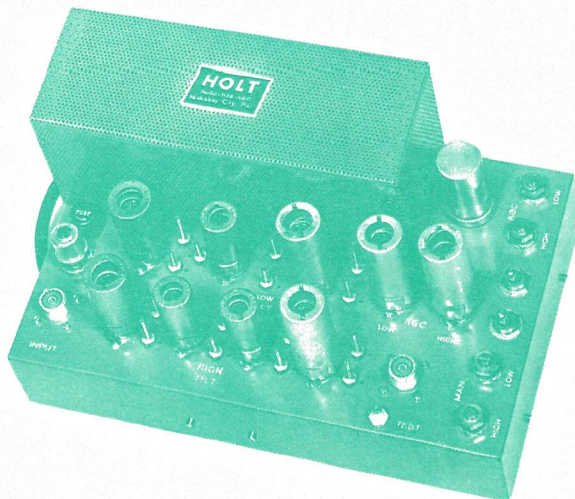


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HOLT LH - BB - AGC LINE AMPLIFIER

NOMENCLATURE FOR MODEL LH-BB-AGC, BROAD BAND LINE AMPLIFIER.

DESCRIPTION:

The Model LH-BB-AGC Broad Band Line Amplifier is designed for channel 2 through 6 FM and 7 through 13. High stability is obtained through the use of a complete automatic gain control circuit with very excellent holding quality for each band.

FEATURES:

Designed for Continuous Commercial Service, long life, low operating cost, high gain, low noise, low power consumption, linear curve response, variable tilt and low maintenance. It has a separate AGC circuit for low and high bands.

SPECIFICATIONS:

Type	Broadband Ch. 2 through 6, 95 Mc. and 7 through 13
Tilt	Ch. 2 to 6, 4 to 9 db. variable, ch. 7 to 13, 2 to 4 db.
Control	Manual or automatic gain
Input	6 to 15 db. (0 db. at 1000 mv.)
Suggested input	10 to 15 db.
Output	37 db. 12 channel, 40 db. 7-9-11-13
Alignment	— Factory aligned and can be aligned by technician with proper equipment.
Gain	40 db. at ch. 6, 46 db. ch. 13
Power consumption	50 watts 115 v. 60 cps.
Test point	20 db. down
Impedance	Input 75 ohms, output 75 ohms
Curve	Linear plus or minus .5 db.
Dimensions	7 x 5 $\frac{3}{8}$ x 11 inches
Tube complement	2 - 6922, 3 - 8113 or 3 - 6CY5, 2 - 12BY7, 2 - 6AW8

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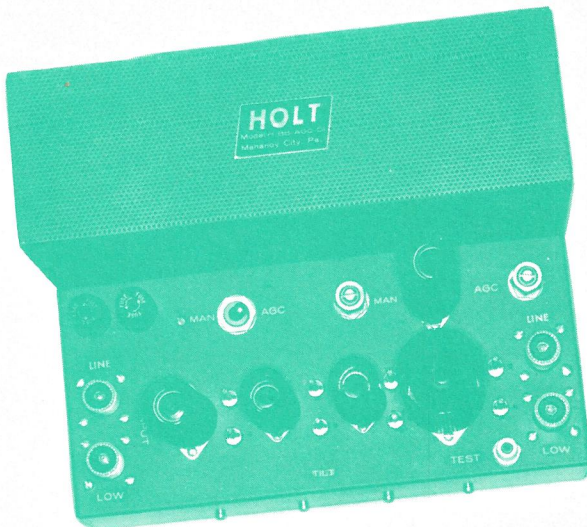


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HOLT MODEL H-BB-AGC-46 DROP-IN BROADBAND LINE AMPLIFIER WITH BUILT IN AGC

NOMENCLATURE ON MODEL H-BB-AGC-46 DROP-IN LINE AMPLIFIER

DESCRIPTION:

The model H-BB-AGC-46 Drop-In Amplifier was designed for use with present low-band equipment. The unit is placed with the low-band equipment at present location to carry channels 7 thru 13.

FEATURES:

Designed for continuous commercial service, long life, economy of operation, high gain, low noise, low power consumption, linear curve response, variable tilt. Unit has internal filters for low and high band. Attachment to low-band equipment is made with 2 jumper cables. AGC is installed to keep output levels more constant.

SPECIFICATIONS:

Tilt	3 to 6 db. variable
Control	Manual or Automatic gain
Input	10 to 15 db. (0 db. at 1000 MV)
Output	46 db.
Alignment—Factory aligned, or can be aligned by technician with proper equipment	
Gain	46 db. at channel 13
Power consumption	45 watts 115 V. 60 cps.
Test point	20 db. down
Input and output impedance	75 ohms
Curve	Linear plus or minus 1/2 db.
Dimensions	7 x 5 5/8 x 8
Tube complement	2-6CY5 or 2-8113, 1-6AW8, 1-8233, 1-6922

A Product of Unique Design

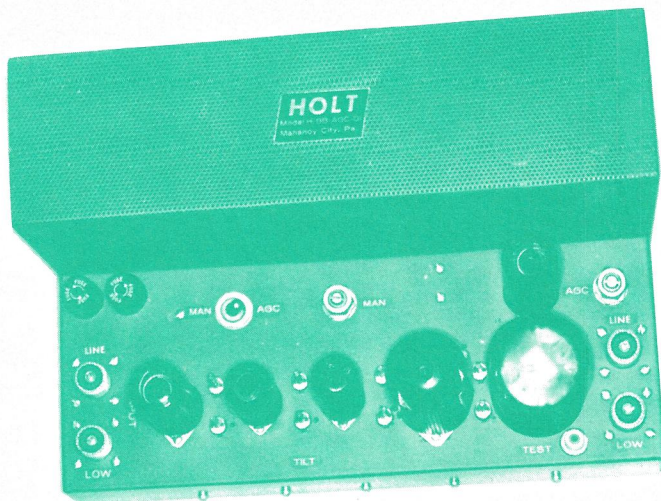


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HOLT MODEL H-BB-AGC-DI-50 HIGH BROADBAND AGC DROP-IN 50 DB OUTPUT AMPLIFIER

NOMENCLATURE FOR MODEL H-BB-AGC-DI-50 AMPLIFIER

DESCRIPTION:

The Model H-BB-AGC-DI-50 Amplifier was designed to drop in along side of a present low band amplifier by removing main trunk cable from the present low band amplifier and connecting them to the above amplifier and installing jumpers from the present low band amplifier to the above amplifier.

FEATURES:

Low noise input, High output, excellent SWR output, Dual output, built-in automatic gain control, AC power regulation, 12 channel accommodation and FM. Output coils can be aligned without affecting output match. Low band insertion pad to eliminate equalizers. Variable tilts, low and high band. Designed for continuous commercial service, long life, excellent stability.

SPECIFICATIONS:

Bandwidth	53 to 108 MC and 173 to 217 MC
Input Impedance	75 ohms
Output Impedance	75 ohms
Output SWR	1.15 to 1
Tilt	3 to 6 DB Variable
Control	Manual or AGC
Input	10 to 15 db
Output	50 db above 1000 MV, (Odb.)
Gain	50 db
Power Consumption	65 watts
Response	Linear plus or minus .5 db.
Noise Figure	7.5 db.
Tube Complement	1-6AW8, 1-6922, 2-8113 or 2-6CY5, 1-7984

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HOLT MODEL HBB-AGC DROP-IN BROADBAND LINE AMPLIFIER

NOMENCLATURE ON MODEL HBB-AGC DROP-IN LINE AMPLIFIER

DESCRIPTION:

The model HBB-AGC Drop-In Amplifier was designed for use with present low-band equipment. The unit is placed with the low-band equipment at present location to carry channels 7 thru 13.

FEATURES:

Designed for continuous commercial service, long life, economy of operation, high gain, low noise, low power consumption, linear curve response, variable tilt. Unit has internal filters for low and high band. Attachment to low-band equipment is made with 2 jumper cables. AGC is installed to keep output levels more constant.

SPECIFICATIONS:

Tilt	3 to 6 db. variable
Control	Manual or Automatic gain
Input	10 to 15 db. (0 db. at 1000 MV)
Output	45 db.
Alignment—Factory aligned, or can be aligned by technician with proper equipment	
Gain	46 db. at channel 13
Power consumption	45 watts 115 V. 60 cps.
Test point	20 db. down
Input and output impedance	75 ohms
Curve	Linear + .5 db.
Dimensions	7 x 5 5/8 x 9
Tube complement	1 - 6922, 2 - 6EV5 , 1 - 12BY7, 1 - 6AW8

2-5654

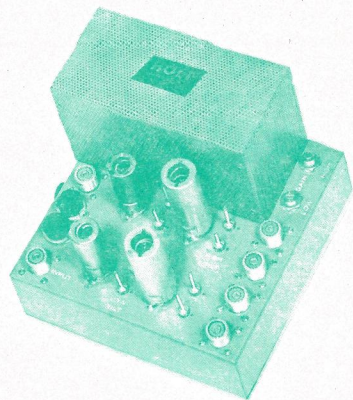
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H O L T

MODEL LH - BA4 - 4

BRIDGING AMPLIFIER

NOMENCLATURE FOR MODEL LH - BA4 - 4 BRIDGING AMPLIFIER

DESCRIPTION:

The Model LH-BA4-4 Bridging Amplifier was designed to drive four feeder or trunk lines, with up to 12 channels, from a main trunk line cable.

An amazing feature of this unit is the wide bandpass with a minimum of tubes, low operating cost and compactness.

FEATURES:

Wide bandpass, channels 2 to 13, variable tilts, low and high band. Designed for continuous commercial service, long life, economy of operation, excellent stability, matched inputs, and low power drain.

SPECIFICATIONS:

Frequency range	53 to 95 and 173 to 217 Mc.
Gain 12 db.	Ch. 6 and Ch. 13
Input impedance	75 ohms
Output impedance	75 ohms
Channels	2 to 13
Output channel 6	40 db.
Output channel 13	47 db. (Channel Apart) 7, 9, 11, 13
Power consumption	40 watts
Power requirements	115 V. 50 to 60 cycles
Size	5 x 7 x 7 inches
Tube complement	2 — 6EV5, 2 — 12BY7.

2-8113
OK 2-6045

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H O L T **LH-BA4-8-46** **BRIDGING AMPLIFIER**

NOMENCLATURE FOR MODEL LH-BA4-8-46 BRIDGING AMPLIFIER

DESCRIPTION:

The Model LH-BA4-8-46 Bridging Amplifier was designed to drive eight feeder lines, with up to 12 channels, from a main trunk line cable.

An amazing feature of this unit is the wide bandpass with a minimum of tubes, low operating cost and compactness.

FEATURES:

Wide bandpass, channels 2 to 13, variable tilts, low and high band. Designed for continuous commercial service, long life, economy of operation, excellent stability, matched inputs and outputs, low power drain.

SPECIFICATIONS:

Frequency range	53 to 108 Mc. and 173 to 217 Mc.
Gain 12 db.	Ch. 6 and Ch. 13
Input impedance	75 ohms
Output impedance	75 ohms
Channels	2 to 13
Output channel 6	40 db.
Output channel 13	46 db. (Channel Apart) 7, 9, 11, 13
Power consumption	40 watts
Power requirements	115 V. 50 to 60 cycles
Size	5 X 7 X 7 inches
Tube complement	2-8113 or 2-6CY5, 2-8283

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HOLT MODEL LH-BA7-4 BRIDGING AMPLIFIER

NOMENCLATURE FOR MODEL LH-BA7-4 BRIDGING AMPLIFIER

DESCRIPTION:

The Model LH-BA7-4 Bridging Amplifier was designed to drive **four** feeder or trunk lines, with up to 12 channels, from a main trunk line cable.

An amazing feature of this unit is the wide bandpass with a minimum of tubes, low operating cost and compactness.

FEATURES:

Wide bandpass, channels 2 to 13, variable tilts, low and high band. Designed for continuous commercial service, long life, economy of operation, excellent stability, matched inputs, and low power drain.

SPECIFICATIONS:

Frequency range	53 to 95 and 173 to 217 Mc.
Gain	Ch. 6, 21 db. — Ch. 13, 25 db.
Input impedance	75 ohms
Output impedance	75 ohms
Channels	2 to 13
Output channel 6	40 db.
Output channel 13	46 db. (Channel Apart) 7, 9, 11, 13
Power consumption	45 watts
Power requirements	115 V. 50 to 60 cycles
Size	7 x 9 x 5 1/2 inches
Tube complement	5 — 6CV5, 2 — 12BY7, or 5654's with small amount of realignment

5-8113
OR 5-6C45

A Product of Unique Design

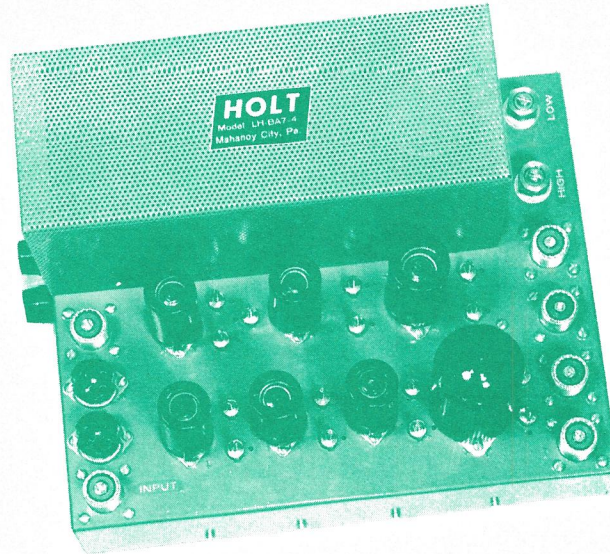


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HOLT
MODEL LH-BA7-4-50
BRIDGING AMPLIFIER

NOMENCLATURE FOR MODEL LH-BA7-4-50 BRIDGING AMPLIFIER

DESCRIPTION:

The Model LH-BA7-4-50 Bridging Amplifier was designed to drive **four** feeder or trunk lines, with up to 12 channels, from a main trunk line cable.

An amazing feature of this unit is the wide bandpass with a minimum of tubes, low operating cost and compactness.

FEATURES:

Wide bandpass, channels 2 to 13, variable tilts, low and high band. Designed for continuous commercial service, long life, economy of operation, excellent stability, matched inputs, and low power drain.

SPECIFICATIONS:

Frequency range	53 to 108 Mc. and 173 to 217 Mc.
Gain	Ch. 6, 21 db. — Ch. 13, 25 db.
Input impedance	75 ohms
Output impedance	75 ohms
Channels	2 to 13
Output channel 6	40 db.
Output channel 13	50 db. (Channel Apart) 7, 9, 11, 13
Power consumption	45 watts
Power requirements	115 V. 50 to 60 cycles
Size	7 x 9 x 5 1/2 inches
Tube complement	5-6CY5 or 5-8113, 1-7788, 1-8233

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HOLT MODEL LH-TA7-4 TERMINATING AMPLIFIER

NOMENCLATURE FOR MODEL LH-TA7-4 TERMINATING AMPLIFIER

DESCRIPTION:

The model LH-TA7-4 Terminating Amplifier was designed to drive **four** feeder or trunk lines, with up to 12 channels, from a main trunk line cable.

An amazing feature of this unit is the wide bandpass with a minimum of tubes, low operating cost and compactness, insertion pad for low band eliminating the use of equalizers.

FEATURES:

Wide bandpass, channels 2 to 13, variable tilts, low and high band. Designed for continuous commercial service, long life, economy of operation, excellent stability, matched inputs and outputs, low power drain.

SPECIFICATIONS:

Frequency range	53 to 95 and 173 to 217 Mc.
Gain	Ch. 6, 21 db. — Ch. 13, 25 db.
Input impedance	75 ohms
Output impedance	75 ohms
Channels	2 to 13
Output channel 6	40 db.
Output channel 13	46 db. (Channel Apart) 7, 9, 11, 13
Power consumption	45 watts
Power requirements	115 V. 50 to 60 cycles
Size	7 x 9 x 5 1/2 inches
Tube complement	5-8113 or 5-6CY5, 2-12BY7

A Product of Unique Design

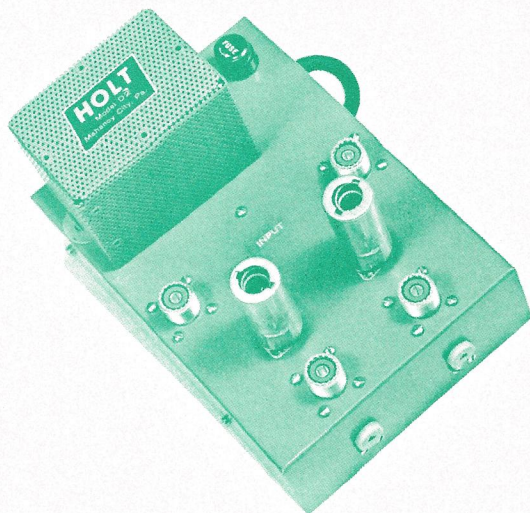


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HOLT MODEL LH-D2 DISTRIBUTION BRIDGING AMPLIFIER

NOMENCLATURE FOR MODEL LH-D2 DISTRIBUTION BRIDGING AMPLIFIER

DESCRIPTION:

The model LH-D2 Distribution Bridging Amplifier was designed to drive two feeder lines, with up to 12 channels, from a main trunk line cable.

An amazing feature of this unit is the wide bandpass with a minimum of tubes, low operating cost and compactness.

FEATURES:

Wide bandpass, channels 2 to 13, variable tilt, low and high band. Designed for continuous commercial service, long life, economy of operation, excellent stability, matched inputs, and low power drain.

SPECIFICATIONS:

Frequency	53 to 217 Mc.
Gain 5 db.	Ch. 6 and Ch. 13
Input impedance	75 ohms
Output impedance	75 ohms
Channels	2 to 13
Output channel 6	40 db.
Output channel 13	46 db. (Channel apart)
Power consumption	35 watts
Power requirements	115 V. 50-60 cycle
Size	5 x 5 x 7 inches
Tube complement	2 6CY5's or 6FV6's, 6EV5, 5654

A Product of Unique Design

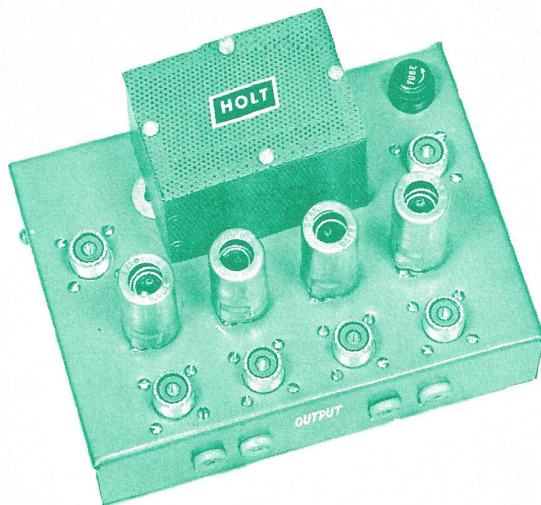


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HOLT MODEL LH-D4 DISTRIBUTION BRIDGING AMPLIFIER

NOMENCLATURE FOR MODEL LH-D4 DISTRIBUTION BRIDGING AMPLIFIER

DESCRIPTION:

The Model LH-D4 Distribution Bridging Amplifier was designed to drive four feeder lines, with up to 12 channels, from a main trunk line cable.

An amazing feature of this unit is the wide bandpass with a minimum of tubes, low operating cost and compactness.

FEATURES:

Wide bandpass, channels 2 to 13, variable tilt, low and high band. Designed for continuous commercial service, long life, economy of operation, excellent stability, matched inputs, and low power drain.

SPECIFICATIONS:

Frequency range	53 to 217 Mc.
Gain	1 to 2 db.
Input impedance	75 ohms
Output impedance	75 ohms
Channels	2 to 13
Output channel 6	43 db.
Output channel 13	49 db. (Channel apart)
Power consumption	35 watts
Power requirements	115 V. 50 - 60 cycle
Size	5 x 5 x 7 inches
Tube complement	4 - 7717

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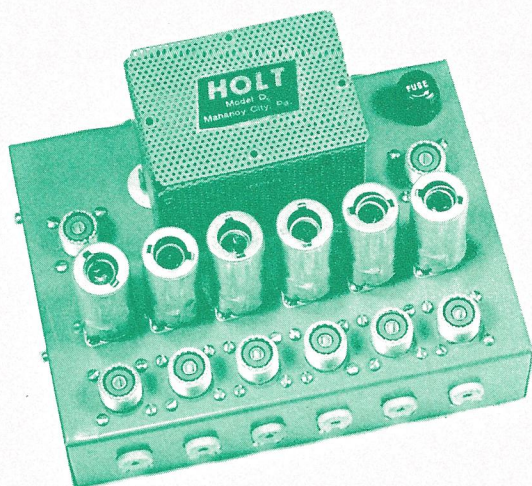


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HOLT MODEL LH-D6 DISTRIBUTION BRIDGING AMPLIFIER

NOMENCLATURE FOR MODEL LH-D6 DISTRIBUTION BRIDGING AMPLIFIER

DESCRIPTION:

The model LH-D6 Distribution Bridging Amplifier was designed to drive six feeder lines, with up to 12 channels, from a main trunk line cable.

An amazing feature of this unit is the wide bandpass with a minimum of tubes, low operating cost and compactness.

FEATURES:

Wide bandpass, channels 2 to 13, variable tilt, low and high band. Designed for continuous commercial service, long life, economy of operation, excellent stability, matched inputs, and low power drain.

SPECIFICATIONS:

Frequency range	53 to 217 Mc.
Gain	2 db.
Input impedance	Ch. 6 and Ch. 13 75 ohms
Output impedance	75 ohms
Channels	2 to 13
Output channel 6	40 db.
Output channel 13	46 db. (Channel apart)
Power consumption	35 watts
Power requirements	115 V. 50-60 cycle
Size	5 x 5 x 7 inches
Tube complement	6 6CY5's or 6FV6's, 6EV5, 5654

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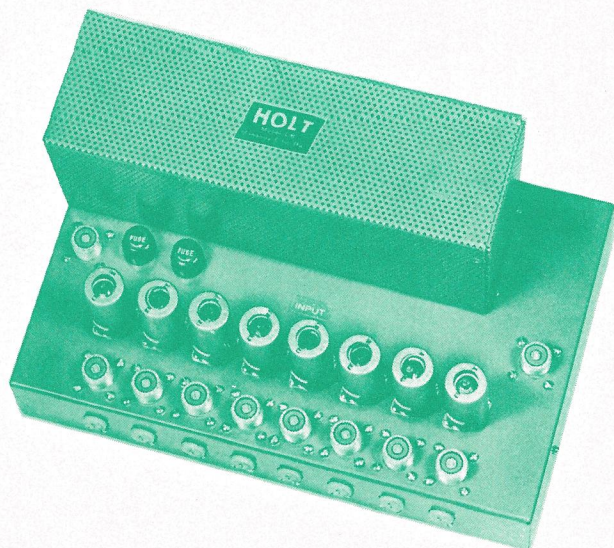


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HOLT MODEL LH-D8 DISTRIBUTION BRIDGING AMPLIFIER

NOMENCLATURE FOR MODEL LH-D8 DISTRIBUTION BRIDGING AMPLIFIER

DESCRIPTION:

The model LH-D8 Distribution Bridging Amplifier was designed to drive 8 feeder lines with up to 12 channels, from a main trunk line cable.

An amazing feature of this unit is the wide bandpass with a minimum of tubes and low operating cost and compactness.

FEATURES:

Wide bandpass, channels 2 to 13, variable tilt, low and high band. Designed for continuous commercial service, long life, economy of operation, excellent stability, matched inputs, low power drain.

SPECIFICATIONS:

Frequency range	53 to 217 Mc.
Gain	2 db.
Input impedance	Ch. 6 and Ch. 13 75 ohms
Output impedance	75 ohms
Channels	2 to 13
Output channel 6	43 db.
Output channel 13	49 db. (channel apart)
Power consumption	45 watts
Power requirements	115 V. 50 - 60 cycles
Size	7 x 6 x 11 inches
Tube complement	10 - 6CY5's or 6EV5's

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HOLT MODEL LH-D10 DISTRIBUTION BRIDGING AMPLIFIER

NOMENCLATURE FOR MODEL LH-D10 DISTRIBUTION BRIDGING AMPLIFIER

DESCRIPTION:

The Model LH-D10 Distribution Bridging Amplifier was designed to drive 10 feeder lines with up to 12 channels, from a main trunk line cable.

An amazing feature of this unit is the wide bandpass with a minimum of tubes and low operating cost and compactness.

FEATURES:

Wide bandpass, channels 2 to 13, variable tilt, low and high band. Designed for continuous commercial service, long life, economy of operation, excellent stability, matched inputs, low power drain.

SPECIFICATIONS:

Frequency range	53 to 217 Mc.
Gain 1 to 2 db.	Ch. 6 and Ch. 13
Input impedance	75 ohms
Output impedance	75 ohms
Channels	2 to 13
Output channel 6	43 db.
Output channel 13	49 db. (channel apart)
Power consumption	45 watts
Power requirements	115 V. 50 - 60 cycles
Size	7 x 6 x 11 inches
Tube complement	10 - 7717

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HOLT MODEL LH-BB-MAN MIDWAY BROADBAND LINE AMPLIFIER

NOMENCLATURE FOR MODEL LH-BB-MAN MIDWAY BROADBAND LINE AMPLIFIER

DESCRIPTION:

The model LH-BB-MAN Midway Amplifier was designed to amplify high band signal between present locations, and also to mix low band and high band signal at the same location.

FEATURES:

Unit contains separate low and high band amplifiers, and also separate low and high band gain controls.

SPECIFICATIONS:

Channels	2 thru FM, 7 thru 13
Tilt	3 - 6 db. low band, 3 db. high band
Input	10 - 30 db. low band, 10 - 15 db. high band (0 db. = 1000MV)
Output	40 db. low band, 45 db. high band
Gain	10 db. low band, 45 db. high band
Power consumption	45 Watts, 115 V., 60 cps.
Test point	20 db. down
Input and output impedance	75 ohms
Curve	Linear $\pm .5$ db.
Dimensions	7 x 5 5/8 x 9
Tube complement	2 - 6922, 2 - 6EV5, 1 - 12BY7
Factory aligned; can be aligned by technician with proper equipment.	

A Product of Unique Design

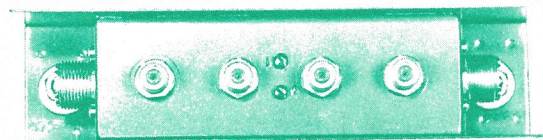
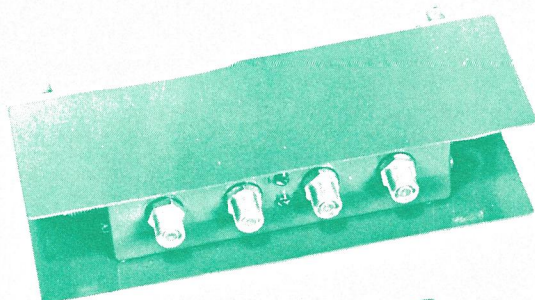


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HOLT MODEL DCVMT DIRECTIONAL COUPLER VARIABLE MULTITAP

NOMENCLATURE FOR MODEL DCVMT VARIABLE DIRECTIONAL COUPLER MULTITAP

DESCRIPTION:

The Model DCVMT Directional Coupler Variable Multitap was designed to connect from a feeder line to 4 customer drop lines with a very small insertion feeder line through loss. It also has a high rejection from service connections to feeder line and a high rejection between service connections.

FEATURES:

Inline type, no extra jumpers are needed. Inline pads can be installed in between unit and individual drop. Easy to install, Low insertion through loss, High rejection back from unit, back to feeder, High rejection between service drops.

SPECIFICATIONS:

Bandwidth	53 to 217 Mc.
Input impedance	75 ohms
Output through line impedance	75 ohms
Output tap impedance	75 ohms
Insertion loss at CH 13	.5 db.
Tap loss	16 db.
Tap tilt—Low band	2.5 db.
Tap tilt—High band	1.5 db.
Inline screw on pad (Optional)	3, 6, 10 and 20 db.

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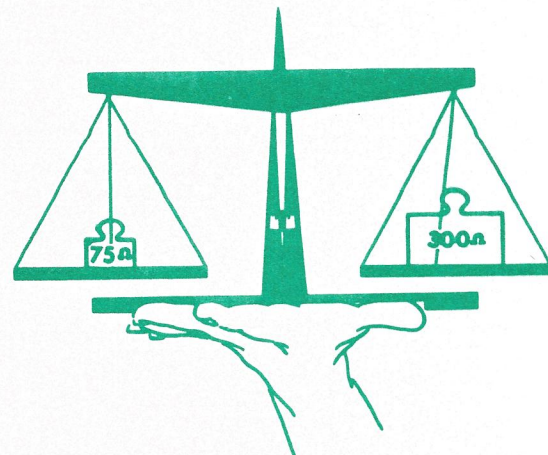
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HOLT SM-2 IMPEDANCE BALANCING TRANSFORMER



NOMENCLATURE FOR MODEL SM-2 75 OHM COAXIAL CABLE TO 300 OHM SET BALANCING UNIT.

DESCRIPTION:

The Model SM-2 is a device designed to increase the signal to a 300 ohm TV set from a 75 ohm coaxial cable, by matching the impedance from 75 ohm to 300 ohm, giving an increase of approximately 6 db. (approx. 2 times) in signal, resulting in a stronger picture signal and excellent matching.

FEATURES:

Designed to isolate the TV set from the coaxial cable by capacitors, protecting the TV set from AC which ordinarily might burn out the antenna input coils in the TV set. Provides an excellent match from a 75 ohm unbalanced to a 300 ohm balanced load. Can be easily installed, no soldering required, broadband, channels 2 through 13.

SPECIFICATIONS:

Input impedance
Output impedance
Gain
Dimensions
Input cable
Housing
Bandpass

75 ohms unbalanced
300 ohms balanced
6 db.
1 3/4 x 2 1/2 x 7/8
59 U type
Aluminum
Channels 2 to 13

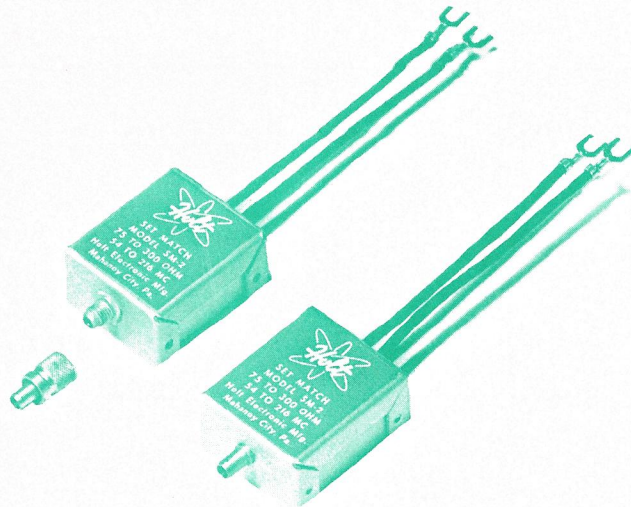
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HOLT SM-2 JUNIOR IMPEDANCE BALANCING TRANSFORMER

**NOMENCLATURE FOR MODEL SM-2 —JUNIOR 75 OHM COAXIAL CABLE
TO 300 OHM SET BALANCING UNIT.**

DESCRIPTION:

The Model SM-2—Junior is a device designed to increase the signal to a 300 ohm TV set from a 75 ohm coaxial cable, by matching the impedance from 75 ohm to 300 ohm, giving an increase of approximately 6 db. (approx. 2 times) in signal, resulting in a stronger picture signal and excellent matching.

FEATURES:

Designed to isolate the TV set from the coaxial cable by a transformer, protecting the TV set from AC which ordinarily might burn out the antenna input coils in the TV set. Provides an excellent match from a 75 ohm unbalanced to a 300 ohm balanced load. Can be easily installed, no soldering required; broadband, channels 2 through 13. No condensers to burn out.

SPECIFICATIONS:

Input impedance	75 ohms unbalanced
Output impedance	300 ohms balanced
Gain	6 db.
Dimensions	1 3/4 x 2 1/2 x 7/8
Input cable	59 U type
Housing	Aluminum
Bandpass	Channels 2 to 13

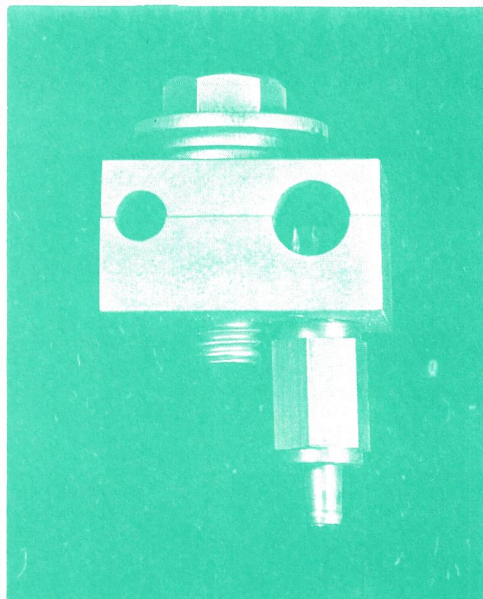
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HOLT - TEE SERVICE CONNECTION MODEL SC-2 JUNIOR

NOMENCLATURE FOR RESISTOR OR CONDENSER HOLT-TEE SC-2—JUNIOR

DESCRIPTION:

The model SC-2—Junior tap off tee was designed for tapping signal from television system to the TV set. It is a very high quality type of Tap with the following features.

FEATURES:

Designed with a brass center insertion pin, all aluminum block hook and nut, wide area block for more cover area to coaxial cable, all large brass rugged insert, axial insert to block for better dielectric property, low insertion loss, ground pins located away from center of coaxial cable, made with quick push on fitting, or F. type threaded fitting.

SPECIFICATIONS:

Type of insert	Resistor or condenser
Block	Aluminum
Insert barrel	Brass
Pin	Brass
Insulation	Polystyrene
Type of condenser coding	Color coding
Type of resistor coding	Number coding

WHEN ORDERING SPECIFY SIZE OF MESSENGER CABLE TEE IS FOR

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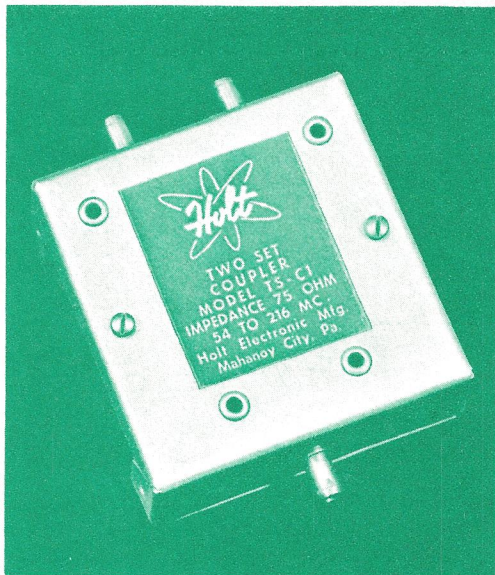


Electronic Research

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HOLT MODEL TSC-1 TWO SET COUPLER

NOMENCLATURE FOR MODEL TSC-1, TWO SET COUPLER

DESCRIPTION:

The model TSC-1 is a device designed to couple two T.V. sets by matching one T.V. coaxial cable to two T.V. coaxial cables.

FEATURES:

Reduces cost of additional tap-off for persons already having one. Gives 25 db. isolation between T.V. sets with a minimum of 3½ db. loss per output. Push-on type fittings require no soldering, thus making this unit easy to install. The TSC-1 has capacitive isolation on the input and passes channels 2 thru 13.

SPECIFICATIONS:

Input impedance	75 ohms
Output impedance	75 ohms
Loss	3.5 db. per output
Input and output cable	RG-59
Housing	Aluminum
Bandpass	Channels 2 thru 13

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HOLT MODEL 198 FIELD STRENGTH METER

NOMENCLATURE FOR HOLT MODEL 198 FIELD STRENGTH METER

DESCRIPTION:

The Holt Model 198 Field Strength Meter is a device used to measure the strength of an RF modulated or unmodulated signal from 5 microvolts to three volts. It will tune from 52 megacycles to 220 megacycles. It will measure picture and sound strength of all VHF TV channels 2 through channel 13. It has a variable adjustment control to set the meter at 100% for full scale to measure db. down on sound relative to picture.

FEATURES:

Designed for continuous commercial service, long life, low operating cost, low power consumption, built in noise balancing device, tuning and meter illumination, built in phone jack for head phones for listening to sound or sync. buzz. It contains an A.C. on-off switch, variable on off switch, shielded signal reducing pads.

SPECIFICATIONS:

Tuning range	52 to 220 megacycles
Sensitivity with all pads out	5 microvolts
Calibration plus or minus 1 db.	0 db. = 1000 microvolts
Maximum input with all pads in	3 volts
Power consumption	60 watts
Power requirements	115 v. 60 cycles A.C.

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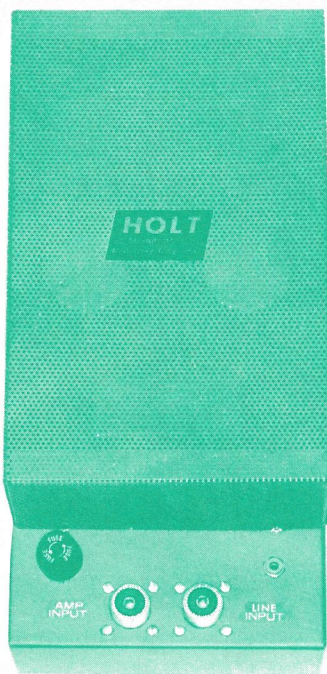


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H O L T MODEL P - DC TRANSISTOR POWER SUPPLY

NOMENCLATURE FOR MODEL P—DIRECT CURRENT POWER SUPPLY

DESCRIPTION:

The Model P—DIRECT CURRENT power supply was designed to supply 15 Holt DC transistor amplifiers through the coaxial cable.

FEATURES:

Highly filtered, test point, fused, compact designed for continuous commercial service, long life, matched input and output.

SPECIFICATIONS:

Input voltage	115 V. 60 cycle AC.
Output	+ 37 Volt DC.
Max. output current	1 Amp.

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PRICE LIST

PAGE	NOMENCLATURE	PRICE
HEAD-END EQUIPMENT:		
(Tube Type)		
1.	Super Deluxe HE-AGC -----	\$306 50
2.	Deluxe HE-AGC -----	206 50
2A	HE-AGC-FM -----	
3.	VHF Converter, Crystal Controlled -----	169.95
4.	Picture of four converters -----	
5.	UHF Converter, Crystal Controlled -----	159.95
6.	UHF Converter & 2 Tube (6299) Preamp. -----	375.00
7.	UHF Converter & 2 Tube (6DL4) Preamp. -----	300.00
8.	UHF Converter & 1 Tube (6299) Preamp. -----	275.00
9.	UHF Converter & 1 Tube (6DL4) Preamp. -----	235.00
10.	Remote Converter -----	
11.	UHF 2 Tube (6299) Preamp. -----	295.00
12.	UHF 2 Tube (6DL4) Preamp. -----	225.00
13.	UHF 1 Tube (6299) Preamp. -----	175.00
14.	UHF 1 Tube (6DL4) Preamp. -----	135.00
15.	VHF 2 Tube (6922) 6AK5) Preamp. -----	58.00
16.	VHF 1 Tube (6922) Preamp. -----	42.00
16A	VHF 3 Tube Preamp. -----	
16B	FM 3 Tube Preamp. -----	
LOW BROADBAND AMPLIFIERS:		
(Tube Type)		
17.	L-BB-AGC, 50 -----	225.00
18.	L-BB-AGC, 50 Dual outputs -----	235.00
19.	L-BB-AGC, 40 -----	204.00
20.	L-BB-AGC, 40 Dual outputs -----	214.00
21.	L-BB-MAN, 50 -----	150.00
22.	L-BB-MAN, 50 Dual outputs -----	160.00
23.	L-BB-MAN, 40 -----	95.00
24.	L-BB-MAN, 40 Dual outputs -----	105.00
LOW BRIDGING AMPLIFIERS:		
(Tube Type)		
25.	BA1-1 -----	66.50
26.	BA1-2 -----	
27.	BA1-4 -----	80.00
28.	BA2-1 -----	
29.	BA2-2 -----	89.00
30.	BA2-4 -----	98.00
31.	BA3-1 -----	
32.	BA3-2 -----	105.00
33.	BA3-4 -----	115.00
LOW DISTRIBUTION AMPLIFIERS:		
(Tube Type)		
34.	L-D 2 -----	42.00
35.	L-D 3 -----	52.50
36.	L-D 4 -----	69.95
37.	L-D 6 -----	105.00
38.	L-D 8 -----	125.00
39.	L-D 10 -----	150.00
LOW LINE EXTENDER AMPLIFIER:		
(Tube Type)		
40.	JR. LEA-3 -----	59.95
41.	R-JR. LEA-3 (Remote) -----	59.95
	R-JR. LEA-3 (With Power Supply) -----	



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PRICE LIST

PAGE	NOMENCLATURE	PRICE
	HIGH BROADBAND LINE EXTENDER DROP in AMPLIFIERS: (Tube Type)	
42.	RH-BB-LEA-DI (Remote) -----	\$100.00
	RH-BB-LEA-DI (With Power Supply) -----	125.00
43.	H-BB-LEA-DI -----	100.00
	LOW HIGH BROADBAND LINE EXTENDER AMPLIFIERS: (Tube Type)	
44.	R-LH-BB-LEA (Remote) -----	150.00
	R-LH-BB-LEA (With Power Supply) -----	175.00
45.	LH-BB-LEA -----	150.00
	LOW HIGH MANUAL BROADBAND LINE AMPLIFIERS: (Tube Type)	
46.	LH-BB-MAN-54 (High Output) -----	280.00
47.	LH-BB-MAN-48-D (Ultra Matched Dual Output) -----	255.00
48.	LH-BB-MAN-46 -----	215.00
49.	LH-BB-MAN-43 -----	205.00
50.	LH-BB-MAN-40 -----	175.00
	LOW HIGH BROADBAND AGC LINE AMPLIFIER: (Tube Type)	
51.	LH-BB-AGC-54 High output) -----	499.00 475.00
52.	LH-BB-AGC-48-D (Ultra Matched Dual Output) -----	475.00 455.00
53.	LH-BB-AGC-46 -----	435.00
54.	LH-BB-AGC-43 -----	425.00
55.	LH-BB-AGC-40 -----	415.00
56.	LH-BB-AGC-40-D (Ultra Matched Dual Outputs -----	440.00
	HIGH MANUAL BROADBAND LINE AMPLIFIER: (Tube Type)	
57.	H-BB-MAN-DI-50 (Ultra Matched Dual Output) -----	250.00
58.	H-BB-MAN-DI-46 -----	195.00
59.	H-BB-MAN-DI-43 -----	190.00
60.	H-BB-MAN-DI-40 -----	170.00
	HIGH BROADBAND AGC LINE AMPLIFIER: (Tube Type)	
61.	H-BB-AGC-DI-50 (Ultra Matched Dual Output) -----	350.00
62.	H-BB-AGC-DI-46 -----	295.00
63.	H-BB-AGC-DI-43 -----	290.00
64.	H-BB-AGC-DI-40 -----	270.00
	LOW HIGH BRIDGING AMPLIFIERS: (Tube Type)	
65.	LH-BA-4-2 -----	
66.	LH-BA 4-2-50 -----	
67.	LH-BA 4-4 -----	135.00
68.	LH-BA 4-4-50 -----	160.00
69.	LH-BA 4-4-50-TPS -----	170.00
70.	LH-BA 4-8-46 -----	175.00
71.	LH-BA-6-4-50-DCI (Directional Coupler Input) -----	
72.	LH-BA-7-4 -----	175.00
73.	LH-BA-7-4-DCI (Directional Coupler Input) -----	175.00
74.	LH-BA-7-4-50 -----	200.00
75.	LH-TA-7-4 (Terminating Amplifier) -----	175.00
76.	LH-TA-7-4-50 (Terminating Amplifier) -----	



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PRICE LIST

PAGE	NOMENCLATURE	PRICE
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LOW HIGH DISTRIBUTION UNITS:

(Tube Type)

77.	LH-D 2 -----	\$ 45.00
78.	LH-D 4 -----	79.95
79.	LH-D 6 -----	125.00
80.	LH-D 8 -----	150.00
81.	LH-D 10 -----	175.00

LOW HIGH MIDWAY AMPLIFIER:

(Tube Type)

82.	LH-BB-MAN (Midway) -----	165.00
-----	--------------------------	--------

ACCESSORIES:

83.	Directional Coupler Variable Multitap:	
	Model 183 -----	10.00
83A	Model 183A -----	9.50
84.	Inline Pads for Directional Coupler Variable Multitap -----	1.50
85.	SM#2, Set Matching Transformer -----	1.75
86.	SM#2 JR., Set Matching Transformer -----	1.00
	(With insulation) -----	2.95
	(Without insulation) -----	2.90
88.	TSC-1, Two Set Coupler -----	3.25
89.	2 Way Line Splitter -----	5.25
	(With C-52 Fittings) -----	5.40
	(With F-59 Fittings) -----	5.45
90.	Waterproof 2 Way Line Splitter -----	7.25
91.	(Tower Mounted) -----	8.50
91.	Waterproof 4 Way Line Splitter -----	12.50
92.	Directional Couplers -----	9.50
	(Weatherproof) -----	11.50
93.	Attenuation Pads -----	4.25
94.	Single Test Point Monitors -----	9.25
95.	Dual Test Point Monitors -----	12.25
96.	Single Traps -----	9.25
97.	Dual Traps -----	12.25
98.	Field Strength Meters -----	300.00
99.	TV-FM-Directional Coupler Splitter -----	2.95
100.	Inserts -----	1.50
	(Insulated) -----	1.60

POWER SUPPLIES:

101.	Transistor Power Supply Model-P- 1037 ^E 1037 ^{1 Amp} 1037 ^{T 2962 DC} -----	100.00
102.	Model P1 34 ^{1 Amp} 34 ^{T 2962 DC} -----	25.00
103.	Model P2 -----	25.00
104.	Model P3 -----	25.00
105.	Model P4 -----	30.00
106.	Model P5 -----	35.00
107.	Model P6 -----	40.00
108.	Model P7 -----	25.00
109.	Model P8 -----	25.00

TRANSISTOR EQUIPMENT

110.	LH-BB-AGC-TR-30 -----	395.00
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Page Model

PRICE LIST

HEAD-END EQUIPMENT:

1. Super Deluxe HE-AGC	\$306.50
2. Deluxe HE-AGC	206.50
3A-HE-AGC FM	169.95
4. VHF Converter, Crystal Controlled	159.95
5. UHF Converter, Crystal Controlled	375.00
6. UHF Converter & 2 Tube (6299) Preamp	300.00
7. UHF Converter & 2 Tube (6DL4) Preamp	275.00
8. UHF Converter & 1 Tube (6299) Preamp	235.00
9. UHF Converter & 1 Tube (6DL4) Preamp	295.00
10. UHF 2 Tube (6299) Preamp	225.00
11. UHF 2 Tube (6DL4) Preamp	175.00
12. UHF 1 Tube (6299) Preamp	135.00
13. UHF 1 Tube (6DL4) Preamp	58.00
14. VHF 2 Tube (6922, 6AK5) Preamp	42.00
15. VHF 1 Tube (6922) Preamp	
16A-VHF-3 TUBE PREAMP	
16B-FM 3 TUBE PREAMP	

LOW BROADBAND AMPLIFIERS:

16. LBB-AGC, 50 Dual outputs	\$235.00
17. LBB-AGC, 50	225.00
18. LBB-AGC, 40 Dual outputs	214.00
19. LBB-AGC, 40	204.00
20. LBB-MAN, 50 Dual outputs	160.00
21. LBB-MAN, 50	150.00
22. LBB-MAN, 40 Dual outputs	105.00
23. LBB-MAN, 40	95.00

LOW-HIGH BROADBAND AMPLIFIERS:

Ultra Deluxe LH-BB-AGC	\$499.00
Super Deluxe LH-BB-AGC	460.00
Deluxe LH-BB-AGC	425.00
Ultra Deluxe LH-BB-MAN	230.00
Super Deluxe LH-BB-MAN	200.00
Deluxe LH-BB-MAN	175.00
LH-BB-MAN (MIDWAY AMPLIFIER)	165.00
LH-TA-7-4 (TERMINATING AMPLIFIER)	175.00
H-BB-AGC (DROP-IN AMPLIFIER)	225.00

LOW BRIDGING AMPLIFIERS:

BA 1-4	\$ 80.00
BA 2-2	89.00
BA 2-4	98.00
BA 3-4	115.00

LOW DISTRIBUTION AMPLIFIERS:

34 L-D 2	\$ 42.00
35 L-D 3	52.50
36 L-D 4	69.95
37 L-D 6	105.00
38 L-D 8	125.00
39 L-D 10	150.00

LOW LINE EXTENDER AMPLIFIER:

JR. LEA-3	\$ 59.95
RJR-LEA-3	

LOW-HIGH BRIDGING AMPLIFIERS:

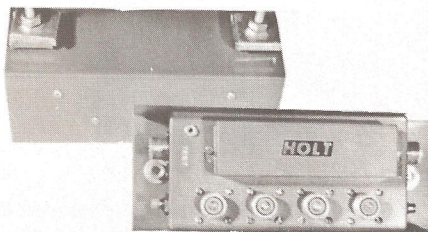
LH-BA 4-4	\$135.00
LH-BA 7-4	175.00
LH-BA 7-4 (DIRECTIONAL COUPLER INPUT)	175.00

LOW-HIGH DISTRIBUTION UNITS:

LH-D 2	\$ 45.00
LH-D 4	79.95
LH-D 6	125.00
LH-D 8	150.00
LH-D 10	175.00

SM#2, Set Matching transformer	\$ 1.75
SM#2 Jr., Set Matching transformer	1.00
SC-2 Jr., Pressure Tap for SS or DS 11	2.50
Multi-Tap	10.00
TSC-1, Two set coupler	3.25
2 Way Line Splitter	5.25
Waterproof 2 Way Line Splitter	7.25
Waterproof 4 Way Line Splitter	12.50
Directional Couplers	9.50
Attenuation Pads	4.50
Single Test Point Monitors	9.25
Dual Test Point Monitors	12.25
Single Traps	9.25
Dual Traps	12.25
Field Strength Meters	300.00

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RL-BA-1-4

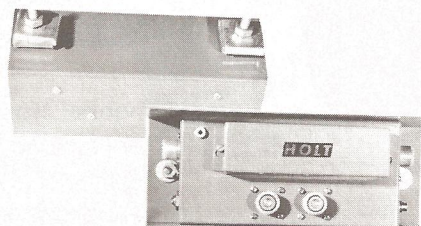
Remote, Low Band Bridging Amplifier

Gain 0 db., Output 30 db., Tilt control, 1 transistor, 4 outputs, 75 ohm input and output, less power supply.

Price \$ 89.00

Above unit AC operated.

Price \$114.00



RL-BA-2-2

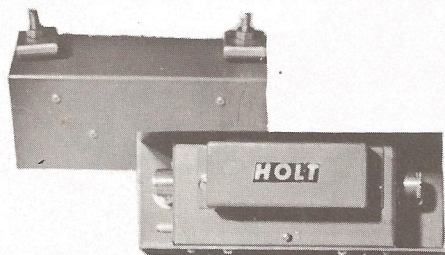
Remote, Low Band Bridging Amplifier

Gain 23 db., Output 30 db., Tilt control, 2 transistors, 2 outputs, 75 ohm input and output, less power supply.

Price \$95.00

Above unit AC operated.

Price \$120.00



RL-MLA

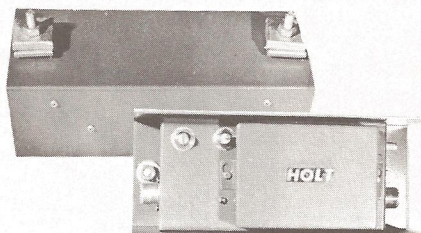
Remote, Low Band Manual Line Amplifier

Gain 36 db., Output 30 db., Tilt and Gain controls, 2 transistors, 75 ohm input and output, less power supply.

Price \$ 85.00

Above unit AC operated.

Price \$110.00



RLH-MLA

Remote, Low-High Band Manual Line Amplifier

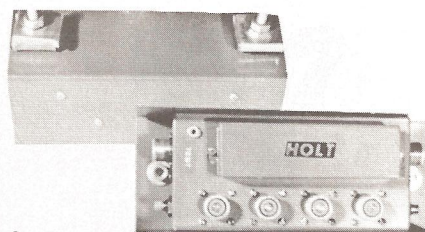
Gain low band 20 db., gain high band 28 db., Tilt and gain controls, Output 30 db., 3 transistors, Built-in low and high input filters, Test point, less power supply.

Price \$200.00

Above unit AC operated.

Price \$230.00

200.00



RL-BA-2-4

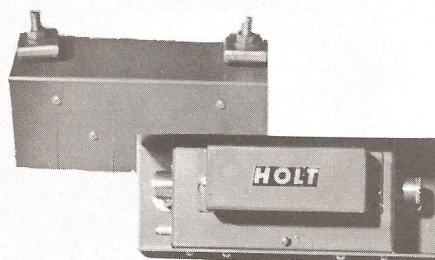
Remote, Low Band Bridging Amplifier

Gain 20 db., Output 30 db., Tilt control, 2 transistor, 4 output, 75 ohm input and output, less power supply.

Price \$105.00

Above unit AC operated.

Price \$130.00



RL-LEA

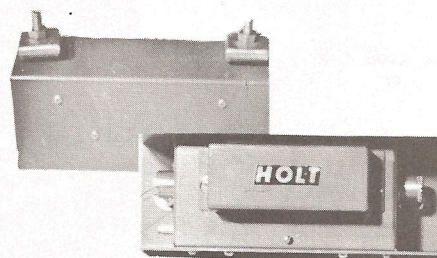
Remote, Low Band Line Extender Amplifier

Gain 20 db., Output 30 db., Tilt control, 1 transistor, 75 ohm input and output, less power supply.

Price \$55.00

Above unit AC operated.

Price \$80.00



RH-LEA - T

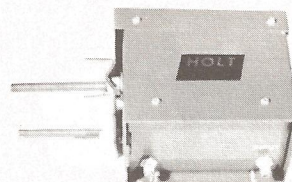
Remote, High Band Line Extender Amplifier

Gain 15 db., Output 30 db., Tilt control, 75 ohm input and output, 1 transistor, less power supply.

Price \$65.00

Above unit AC operated.

Price \$90.00

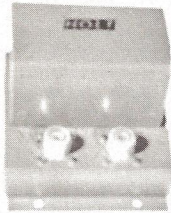


VHF-PA

VHF Transistor Antenna Preamp

Antenna mount, weatherproof, 1 transistor, 20 db., Gain, 75 ohm input and output, less power supply.

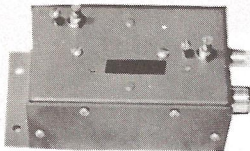
Price \$69.00



RPS

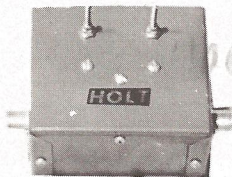
Remote Power Supply for all Remote Equipment

Input voltage 115V-60 cycles AC. Output 12 or 24 V D.C. Price **\$25.00**



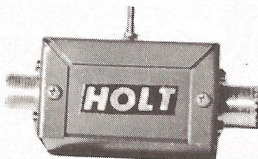
T-71360

2 stage, high band adjacent channel trap. Less than 1 db. insertion loss. 60 db. down on undesired frequency. Price **\$60.00**



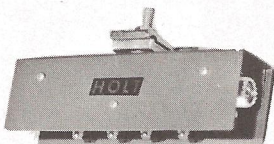
T-2650

2 stage, low band adjacent channel trap. Less than 1 db. insertion loss. 50 db. down on undesired frequency. Price **\$35.00**



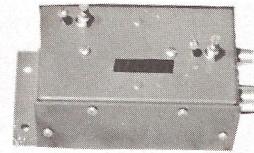
T-71325

1 stage, high band trap. 30 db. down on undesired frequency. Price **\$9.25**



MT-4

Cable mounted weatherproof 4 tap-off unit. C fittings. RG-11 thru line. C-52 connectors included. (Resistive or capacitive isolations numbered by loss.) Price **\$10.00**



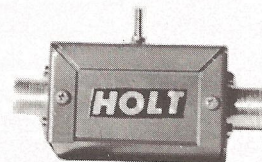
T-2660FM

2 stage, low band-FM, adjacent channel trap. Less than 1 db. insertion loss. 60 db. down on undesired frequency. Price **\$60.00**



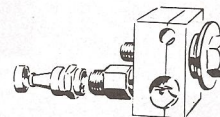
T-2690

4 stage, low band adjacent channel trap. 1 db. insertion loss. 90 db. down on undesired frequency. 50 db. down on sound and picture. Price **\$70.00**



T-2625

1 stage, low band trap. 30 db. down on undesired frequency. Price **\$9.25**



SCT

Service connection tap. All aluminum with brass insertion pin. For single shield or double shield cable. Threaded barrel, F fitting.

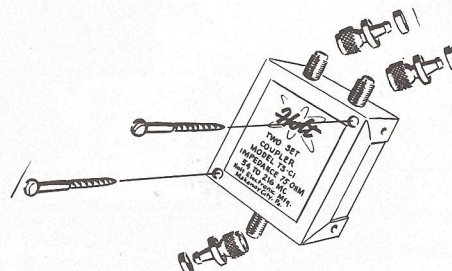
(Insertion isolation types at ch. 6 picture: White-28db, Red-21db, Yellow-18db, Green-16db, Blue-13db, Black-9db.)

(Insertion resistor types are numbered by loss.)

Price **\$2.85**

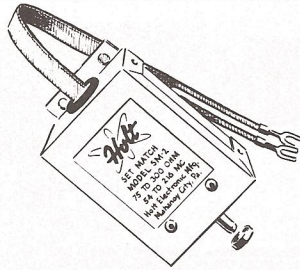
Above unit with insulated pin.

Price **\$2.95**



TSC-1

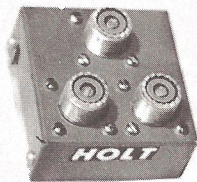
Two set coupler. 25 db. isolation between sets. 3 db. loss per output. Capacitive isolation on input. Passes ch. 2 thru 13. 3 C-52 connectors and 2 screws included. Price **\$3.25**



SM#2

Set matching transformer. 75 to 300 ohms. Approximately 6 db. voltage gain. 1.25 VSWR. Capacitive isolation. Passes 54 to 216 MC. Push-on fitting.

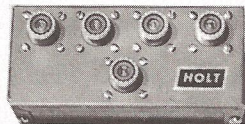
Price **\$1.75**



LS-2

2 way line splitter, 3 db. loss per output. 20 db. rejection between outputs. Power passing. 1.25 VSWR. Indoor model. F-61 or SO-239 connectors.

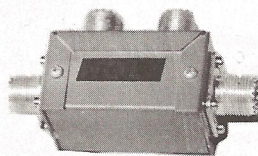
Price **\$5.25**



LS-4

4 way line splitter. 6.5 db. loss per output. 16 db. rejection between outputs. Power passing. Input VSWR 1.25. Output VSWR 1.5. Indoor model. F-61 or SO-239 connectors.

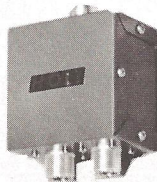
Price **\$10.50**



DTM

Dual test monitor, used in output cable of head-end. 20 db. down test points. 1 output can be used as connection to T.V. set. SO-239 or F-61 connectors.

Price **\$12.25**



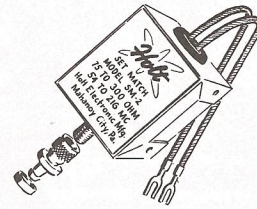
DC

Directional Coupler. Insertion loss .5 db. at channel 6, 1 db. at channel 13. 20 db. isolation between tap and main line. Available in 10 db. or 16 db. taps. SO-239 or F-61 connectors.

Price **\$ 9.50**

Outdoor model, above unit.

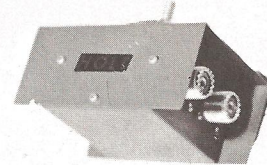
Price **\$11.50**



SM#2 Jr.

Junior set matching transformer. 75 to 300 ohms. Approximately 6 db. voltage gain. 1.25 VSWR. Transformer isolation. Passes 54 to 216 MC. C-52 connector included.

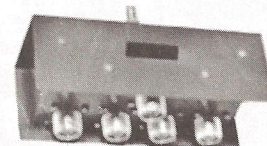
Price **\$1.15**



WLS-2

Cable mount, weatherproof 2 way line splitter as above.

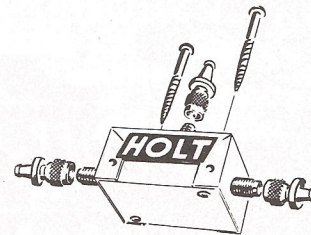
Price **\$7.25**



WLS-4

Cable mount, weatherproof 4 way line splitter as above.

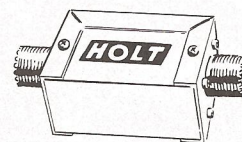
Price **\$12.50**



FMT

FM tap. Insert in T.V. cable drop inside home to pass FM signal. C-61 connectors. Includes 3 C-52 connectors and 2 screws.

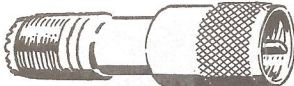
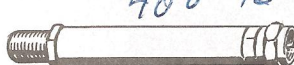


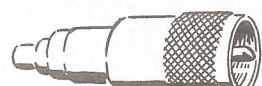



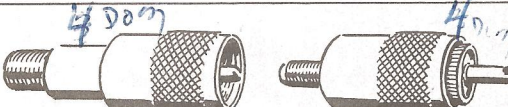






Price. **\$2.25**



UP

Universal signal reducing pad. 75 ohms. Used in frequency up to 1000 MC. Aluminum box enclosure. SO-239 or F-61 connectors. 3, 6, 10, or 20 db. attenuations.

Price **\$4.25**

 #8 4-Dog	IP	Inline pad. UHF male to UHF female. 75 ohms. 3, 6, 10, or 20 db. attenuations. Price \$3.75
 400 15-F 100 each	IPF	Inline pad. F male to F female. 75 ohms. 3, 6, 10, or 20 db. attenuations. Price \$3.75 + 100 → 15DB
 4-Dog	IPS IPSF	Power isolating, power passing, signal reducing pad used for attenuating input signals to remote powered equipment. UHF male to UHF female. 3, 6, 10, or 20 db. attenuations. Price \$9.00 15DB
 4-Dog	PI	Power isolator. Isolates AC or DC currents from inputs or outputs of amplifying equipment. UHF male to UHF female. Price \$2.50
 4-Dog	IT	Isolated terminator. Terminates powered cables and amplifiers with AC or DC powered outputs. 75 ohms. UHF male connector. Price \$2.00
 4-Dog	UHFTF	Male UHF terminator. 75 ohms. Not isolated. Price \$1.25
 4-Dog	FTR	F male terminator. 75 ohms. Not isolated. Price \$0.50
 400	CTR	C male terminator. 75 ohms. Not isolated. Price \$0.45
 4-Dog	UHFA- F-IP	F female to UHF or C female to UHF. 75 ohm. Price \$3.50 UHF-Fitting Inline Pad 91-UHFA
 4-Dog UHF Pad	PL-259	Male UHF connector, solder type..... \$0.40
 4-Dog UHF-15	SO-239	Female UHF chassis connector..... \$0.40
 4-Dog	F-59	Male F connector for RG-59..... \$0.20
	F-61	Female F chassis connectors..... \$0.35
	C-52	Male C connector for RG-59..... \$0.15
 400 15 F	CR-59	Crimping rings for 59 cable..... \$1.00C

A Product of Unique Design

