

# Please Read Before Setting Up Your HDS-6 Headphone System

## The HDS-6 / HR-6 System Can Be Customized

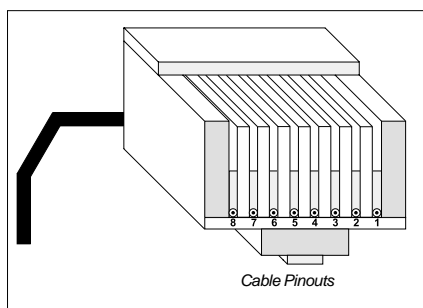
Every HR-6 Remote Mixer comes with a pair of 25-ft. cables to link HR-6's to the HDS-6, or HR-6's to each other. Additional cables are available from Furman. If you wish to use star connections (defined as one input with multiple output connectors), or extend your cables using female-to-female couplers, we strongly suggest that you read the following important information before you purchase them.

- Please be aware that the cables and connectors for 10-base-T UTP Ethernet are available in a variety of wiring configurations.
- The *only* cable connectors that will work with an HDS-6/HR-6 system are straight pin-to-pin connections.
- If a coupler, patch panel or "Y" is used, it *must* use a straight pin 1 to pin 1, pin 2 to pin 2, etc. connection.
- We recommend that only "straight" EIA T-568A or EIA T-568B cables and accessories be used with the HDS-6 and HR-6.

## HDS-6 / HR-6 Cable Pin Assignments

The following are the pin assignments on the HDS-6 and HR-6, as well as the cables provided by Furman with each HR-6. The HDS-6 has two Link Outputs labelled "Blue" and Gray." Each HR-6 has two pairs of "Blue" and Gray" connectors.

Blue	Gray
Pin 1 Gnd	Gnd
Pin 2 Ch1	Left
Pin 3 Gnd	Gnd
Pin 4 Gnd	Gnd
Pin 5 Ch3	+22V
Pin 6 Ch2	Right
Pin 7 Gnd	Gnd
Pin 8 Ch4	-22V



## Pin Assignments For Other Cables

The following are the pair assignments for the various configurations available from sources other than Furman.

The EIA T-568A cable is interchangeable with the EIA T-568B cable.

### EIA T-568B

Pin 1	White/Orange	Pair 2
Pin 2	Orange	Pair 2
Pin 3	White/Green	Pair 3
Pin 4	Blue	Pair 1
Pin 5	White/Blue	Pair 1
Pin 6	Green	Pair 3
Pin 7	White/Brown	Pair 4
Pin 8	Brown	Pair 4

### EIA T-568A

Pin 1	White/Green	Pair 3
Pin 2	Green	Pair 3
Pin 3	White/Orange	Pair 2
Pin 4	Blue	Pair 1
Pin 5	White/Blue	Pair 1
Pin 6	Orange	Pair 2
Pin 7	White/Brown	Pair 4
Pin 8	Brown	Pair 4

**IMPORTANT:** Do not use USOC-configured cables.

## HR-6SPLT STAR MODULE —FOR USE WITH HDS-6

- Allows connection of up to five HR-6's from a central location
- Shielded construction for immunity to hum and RF noise
- Passive design requires no external power

The HR-6SPLT Star Module is a cable connection splitter for use with the Furman HDS-6 Headphone/Audio Distribution Center. It allows up to five Furman HR-6's to be connected in parallel with standard CAT-5 cables.

The HR-6SPLT may be easily mounted to any wall or panel. No internal wiring or assembly is required.

The parallel connections of up to five HR-6's is easily accomplished by connecting the blue and gray CAT-5 output cables from the HDS-6 base station into the HR-6SPLT's input. A pair of CAT-5 cables is then connected to the input of a HR-6. Though it is important to maintain identity of the *gray* and *blue* cables throughout these connections, any standard CAT-5 cable will work.

The HR-6SPLT is fully encased and shielded, making placement non-critical.

## HR-6SPLT DIMENSIONS AND WEIGHT

Dimensions: 6.5" H x 2.0" W x 2.05" D

Mounting Holes: 0.2" diameter mounting holes spaced 5.75" center to center

Weight: 8 oz.

### Limited Warranty

The Furman HDS-6, HR-6, and HR-6SPLT are warranted against failures due to defective parts or faulty workmanship for a period of three years after delivery to the original owner. During this period, Furman will make any necessary repairs without charge for parts or labor. Shipping charges to the factory or repair station must be prepaid by the owner; return shipping charges (via UPS Ground) will be paid by Furman.

This warranty applies only to the original owner and is not transferable. Also, it does not apply to repairs done other than by the Furman factory or Authorized Repair Stations.

This warranty may be cancelled by Furman at its sole discretion if the unit has been subjected to physical abuse or has been modified in any way without written authorization from Furman. Furman's liability under this warranty is limited to repair or replacement of the defective unit.

Furman will not be responsible for incidental or consequential damage resulting from the use or misuse of its products. Some states do not allow the exclusion of incidental or consequential damages, so the above limitations may not apply to you. This warranty gives you specific legal rights, and you may also have other rights which vary from state to state.

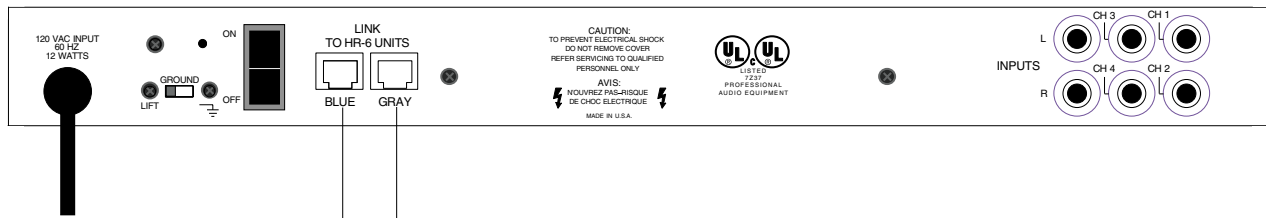
Warranty claims should be accompanied by a copy of the original purchase invoice showing the purchase date (if a Warranty Registration Card was mailed in at the time of purchase, this is not necessary). Before returning any equipment for repair, please read the important information on service, which follows.

### Service

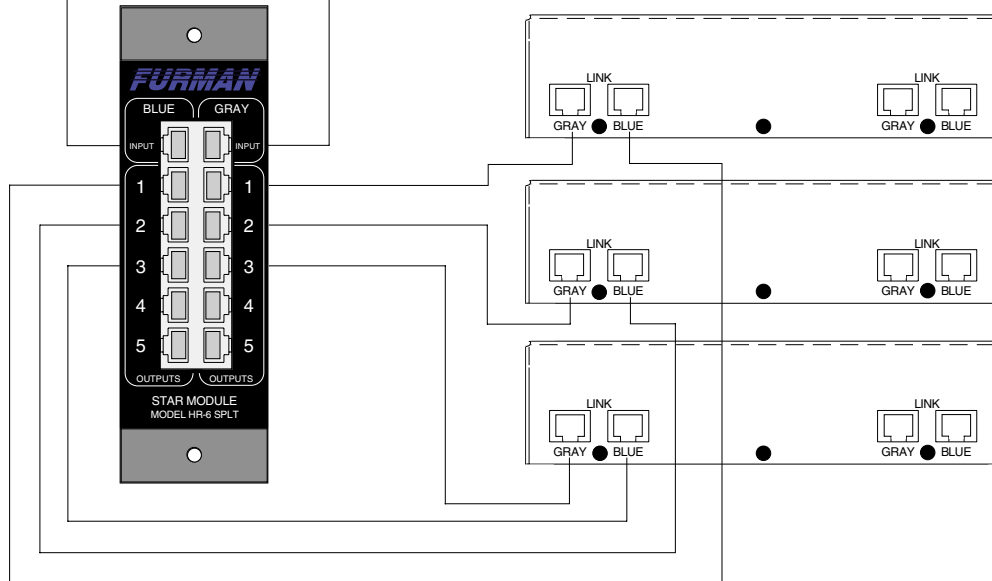
Before returning any equipment for repair, please be sure that it is adequately packed and cushioned against damage in shipment, and that it is insured. We suggest that you save the original packaging and use it to ship the product for servicing. Also, please enclose a note giving your name, address, phone number and a description of the problem.

NOTE: All equipment being returned for repair must have a Return Authorization (R/A) Number. To get an R/A Number, please call the Furman Service Department, (707) 763-1010, ext. 40, between 8 am and 5 pm U.S. Pacific Time. Please display your R/A Number prominently on the front of all packages.

## HDS-6 REAR VIEW



## HR-6's REAR VIEW



### OTHER FURMAN PRODUCTS

#### Power Conditioning & Distribution

PL-8, PL-PLUS	Power Conditioner & Light Module, 15A
PL-PRO	Power Conditioner & Light Module, 20A
PL-TUNER	Power Conditioner/Instrument Tuner, 15A
PLH-15	Power and Light Center, 15A
PM-8	Power Conditioner/Monitor, 15A
PM-PRO	Power Conditioner/Monitor, 20A
PS-8, PS-8R	Power Conditioner/Sequencer, 15A
PS-PRO	Power Conditioner/Sequencer, 20A
PS-REL	AC Relay Accessory
PowerLink	Remote AC Power Sequence Controller
PowerPort	Remote AC Power Controller
MiniPort-15	Power Relay, 15A
MiniPort-20	Power Relay, 20A
MiniPort-30	Power Relay, 30A
MiniPort-15Q	Power Relay for Quad Box Mount, 15A
MiniPort-20Q	Power Relay for Quad Box Mount, 20A
RS-1	System Control Panel, Maintained Switching
RS-2	System Control Panel, Momentary Switching
AR-1215	AC Line Voltage Regulator, 15A, 120V
AR-2306	AC Line Voltage Regulator, 6A, 230V
AR-1220	AC Line Voltage Regulator, 20A, 120/100V
AR-1230	AC Line Voltage Regulator, 30A, 120/100V
AR-2330	AC Line Voltage Regulator, 30A, 220/230/240V
AR-2330D	AC Line Volt. Reg., 30A, 240/230/220V, N. America Use
AR-PRO	AC Line Voltage Regulator, 30A, 120V, Worldwide Use
ACD-100	Power Distro, 100A
ASD-120	Sequenced Power Distro, 120A
IT-1210	Isolation Transformer, Balanced AC Power, 10A
IT-1220	Isolation Transformer, Balanced AC Power, 20A
IT-1230	Isolation Transformer, Balanced AC Power, 30A
IT-2315	Balanced AC Power Isolation Transformer, International
IT-REFERENCE	Audiophile Discrete Symmetrical Power
PlugLock™	Locking Outlet Strip

#### Audio Signal Processing

PQ-3 Reissue	Parametric Equalizer, Instrument Preamp
Q-151, Q-152	Dual 15-Band Graphic Equalizer
Q-301, Q-302	30-Band Graphic Equalizer
Q-602	Dual 30-Band Graphic Equalizer
PUNCH-10	Bass Enhancement System
X-312	12 dB Crossover
X-324	2-Way/3-Way 24 dB Crossover
X-424	3-Way/4, 5-Way 24 dB Crossover
X-524	4-Way 24 dB Crossover
LC-6	Stereo Compressor/Gate
SP-20A	Stereo Half Rack Power Amp, 20W per channel
HA-6A	Headphone/Monitor Amp
HR-2	Headphone Passive Remote Box
HDS-6	Headphone Distribution System
HR-6	Personal Headphone Mixer for use with HDS-6
HR-6SPLT	Star Connection Breakout Box for use with HDS-6
HDS-16	Headphone/Audio Distribution System
HRM-16	Personal Headphone Mixer for use with HDS-16
PB-48	48-Point Patch Bay with TRS Connectors
PB-48D	48-Point Patch Bay with TRS and D-Sub Connectors (Full range of patch cords also available)
MM-3	Three Input Mic Mixer
MM-8A	4 x 2 Rack-Mount Mixer
SM-3	Stereo Mixer with Ducking
SM3B	Stereo Mixer with Ducking, Balanced
IP-2, IP-2B	Iso-Patch, Dual Isolator, 2 channel
VU-40	System Monitor (Power/VU Meter)
SC-1, 2	Security Covers
SRM-80	Signal Router/Monitor
SRM-RU	Remote Control Unit for the SRM-80
PGP-20, PGP-60	Locking Outlet Strips, 60A, 40A
PGP-S	Remote Power Switcher, 60A

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