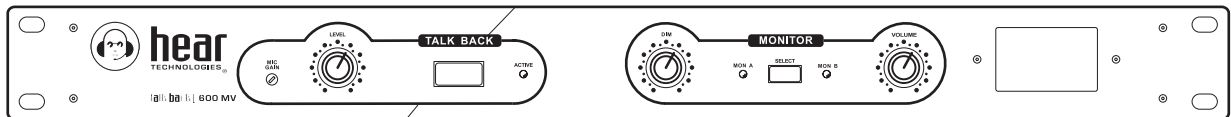




**hear**  
TECHNOLOGIES®



# talk back™

## model 600 MV™

user guide

# ENGLISH

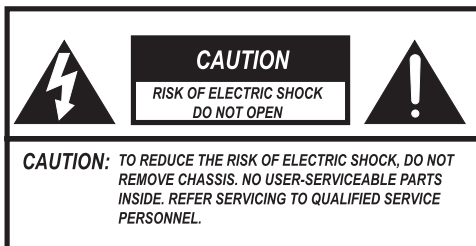
## Danger

Exposure to extremely high noise levels may cause a permanent hearing loss. Individuals vary considerably to noise induced hearing loss but nearly everyone will lose some hearing if exposed to sufficiently intense noise for a sufficient time.

The U.S. Government's Occupational Safety and Health Administration (OSHA) has specified the following permissible noise level exposures:

DURATION PER DAY (HOURS)	8	6	4	3	2	1
SOUND LEVEL (dB)	90	93	95	97	100	103

According to OSHA, any exposure in the above permissible limits could result in some hearing loss. Ear plugs or protectors in the ear canal or over the ears must be worn when operating this amplification system in order to prevent a permanent hearing loss. If exposure in excess of the limits as put forth above, to insure against potentially harmful exposure to high sound pressure levels, it is recommended that all persons exposed to equipment capable of inducing high sound pressure levels, such as this amplification system, be protected by hearing protectors while this unit is in operation.



**AVIS: RISQUE DE CHOC ELECTRIQUE-NE PAS OUVRIR.**



THIS SYMBOL IS INTENDED TO ALERT THE USER TO THE PRESENCE OF NON-INSULATED "DANGEROUS VOLTAGE" WITHIN THE PRODUCT'S ENCLOSURE THAT MAY BE OF SUFFICIENT MAGNITUDE TO CONSTITUTE A RISK OF ELECTRIC SHOCK TO PERSONS.



THIS SYMBOL IS INTENDED TO ALERT THE USER TO THE PRESENCE OF IMPORTANT OPERATING AND MAINTENANCE (SERVICING) INSTRUCTIONS IN THE LITERATURE ACCOMPANYING THE UNIT.

## IMPORTANT SAFETY INSTRUCTIONS

1. Read all safety and operating instructions before using this product.
2. All safety and operating instructions should be kept for future reference.
3. Read and understand all warnings listed on the operating instructions.
4. Follow all operating instructions to operate this product.
5. This product should not be used near water, i.e. bathtub, sink, swimming pool, wet basement, etc.
6. Only use dry cloth to clean this product.
7. Do not block any ventilation openings. It should not be placed flat against a wall or placed in a built-in enclosure that will impede the flow of cooling air.
8. Do not install this product near any heat sources; such as, radiators, heat registers, stove or other apparatus (including heat producing amplifiers) that produce heat.
9. Do not defeat the safety purpose of the polarized or grounding-type plug. A polarized plug has two blades with one wider than the other. A grounding-type plug has two blades and a third grounding prong. The wide blade or the third prong are provided for your safety. If the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.
10. Protect the power cord being walked on or pinched, particularly at plugs, convenience receptacles and the point where they exit from the apparatus. Do not break the ground pin of the power supply cord.
11. Only use attachments specified by the manufacturer.
12. Use only with the cart, stand, tripod, bracket, or table specified by the manufacturer or sold with the apparatus. When a cart is used, use caution when moving cart/apparatus combination to avoid injury from tip-over.
13. Unplug this apparatus during lightning storms or when unused for long periods of time.
14. Care should be taken so that objects do not fall and liquids are not spilled into the unit through the ventilation ports or any other openings.
15. Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way; such as, power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.
16. **WARNING:** To reduce the risk of fire or electric shock, do not expose this apparatus to rain or moisture.

# FRENCH

## Danger

L'exposition a des niveaux eleves de bruit peut provoquer une perte permanente de l'audition. Chaque organisme humain reagit differemment quant a la perte de l'audition, mais quasiment tout le monde subit une diminution de l'acuite auditive lors d'une exposition suffisamment longue au bruit intense. Les autorites competentes en reglementation de bruit ont defini les expositions tolerees aux niveaux de bruits:

DURE EN HEURES PAR JOUR	8	6	4	3	2	1
NIVEAU SONORE CONTINU EN dB	90	93	95	97	100	103

Selon les autorites, toute exposition dans les limites citees ci-dessus, peuvent provoquer certaines pertes d'audition. Des bouchons ou protections dans l'appareil auditif ou sur l'oreille doivent etre portes lors de l'utilisation de ce systeme d'amplification afin de prevenir le risque de perte permanente de l'audition. Dans le cas d'expositions superieures aux limites precitees il est recommande, afin de se premunir contre les expositions aux pressions acoustiques elevees potentiellement dangeereuses, aux personnes exposees aux equipements capables de delivrer de telles puissances, tels ce systeme d'amplification en fonctionnement, de proteger l'appareil auditif.



CE SYMBOLE A POUR BUT D'AVERTIR L'UTILISATEUR DE LA PRESENCE DE VOLTAGE DANGEREUX NON-ISOLE A L'INTERIEUR DE CE PRODUIT QUI PEUT ETRE DE PUISSANCE SUFFISAMMENT IMPORTANTE POUR PROVOQUER UN CHOC ELECTRIQUE AUX PERSONNES.



CE SYMBOLE A POUR BUT D'AVERTIR L'UTILISATEUR DE LA PRESENCE D'INSTRUCTIONS D'UTILISATION ET DE MAINTENANCE DANS LES DOCUMENTS FOURNIS AVEC CE PRODUIT.

## IMPORTANTES INSTRUCTIONS DE SECURITE

1. Lire avec attention toutes les recommandations et precautions d'emploi avant d'utiliser ce produit.
2. Toutes les recommandations et precautions d'emploi doivent être conservees afin de pouvoir s'y reporter si necessaire.
3. Lire et comprendre tous les avertissements énumérés dans les precautions d'emploi.
4. Suivre toutes les precautions d'emploi pour utiliser ce produit.
5. Ce produit ne doit pas être utilisé près d'eau, comme par exemple baignoires, évier, piscine, sous-sol humides...etc.

6. Utiliser exclusivement un chiffon sec pour nettoyer ce produit.
7. Ne bloquer aucune ouverture de ventilation. Ne pas placer le produit tout contre un mur ou dans une enceinte fermée, cela générerait le flux d'air nécessaire au refroidissement.
8. Ne pas placer le produit près de toute source de chaleur telle que radiateurs, arrivées d'air chaud, fourneaux ou autres appareils générant de la chaleur (incluant les amplificateurs producteurs de chaleur).
9. Ne pas négliger la sécurité que procure un branchement polarisé ou avec raccordement à la terre. Un branchement polarisé comprend deux fiches dont l'une est plus large que l'autre. Un branchement à la terre comprend deux fiches plus une troisième reliée à la terre. Si la fiche secteur fournie ne s'insère pas dans votre prise de courant, consulter un électricien afin de remplacer votre prise obsolète.
10. Protéger le cordon d'alimentation de tout écrasement ou pincement, particulièrement au niveau des fiches, des réceptacles utilisés et à l'endroit de sortie de l'appareil. Ne pas casser la fiche de terre du cordon d'alimentation.
11. Utiliser uniquement les accessoires spécifiés par le constructeur.
12. Utiliser uniquement avec le chariot de transport, le support, le trépied, la console ou la table spécifiés par le constructeur ou vendus avec l'appareil. Lors de l'utilisation d'un chariot, bouger avec précaution l'ensemble chariot/appareil afin d'éviter les dommages d'un renversement.
13. Débrancher cet appareil lors d'orages ou s'il n'est pas utilisé pendant une longue période.
14. Des précautions doivent être prises afin qu'aucun objet ne tombe et qu'aucun liquide ne se répande à l'intérieur de l'appareil par les orifices de ventilation ou n'importe quelle autre ouverture.
15. Pour toutes interventions techniques s'adresser à un technicien qualifié. L'intervention technique est nécessaire lorsque l'appareil a été endommagé de n'importe quelle façon, comme par exemple si le cordon secteur ou sa fiche sont détériorés, si du liquide a coulé ou si des objets sont tombés à l'intérieur de l'appareil, si l'appareil a été exposé à la pluie ou à l'humidité, s'il ne fonctionne pas normalement ou s'il est tombé.
16. **ATTENTION:** Pour réduire le risque d'incendie ou de choc électrique ne pas exposer l'appareil à la pluie ou à l'humidité.



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# talk back™

model 600 MV



## TALK BACK 600 MV DESCRIPTION

The Talk Back 600 MV adds talk back, monitor master volume, monitor switching, and monitor dimming capability to recording consoles, digital hard disc recording systems, and portable audio workstations. Intended applications include professional and project recording studios and video post-production facilities.

The Talk Back 600 MV provides control room talk back to the talent. The talk back microphone signal is mixed with the auxiliary signals and presented into the talent headphone monitoring system. The unit's features and specifications rival those found only in large format recording consoles.

The Talk Back 600 MV permits the engineer to control talk back and monitor switching from the front panel and/or multiple wired remote controls (models RC-1 and RC-2). Optional IR wireless Producer Remotes are available for control of the talk back function (models IR-1 and IR-2) and may be used in conjunction with wired remotes.

## FEATURES

- High quality talk back microphone preamp, microphone gain and level controls, and phantom power. Either dynamic or condenser balanced microphones may be used.
- Six balanced line level auxiliary inputs (from the console) are combined with the Talk Back microphone signal and passed through to the six line level auxiliary outputs.
- Active balanced inputs and outputs throughout
- Monitor Master Volume control
- A/B control room monitor switching between two pairs of monitors
- Dimming of the control room monitors activates when a talk back switch is pressed. Dimming volume is fully adjustable from Unity to Off.
- Optional wired remote(s) for talk back and monitor switching and LED indication are possible using Phoenix ® rear-panel connections. Models RC-1 (talk back) and RC-2 (talk back and monitor switching)
- Wireless infrared remotes are optional for controlling talk back and monitor switching. Models IR-1 (talk back) and IR-2 (talk back and monitor switching)

## FCC Statement

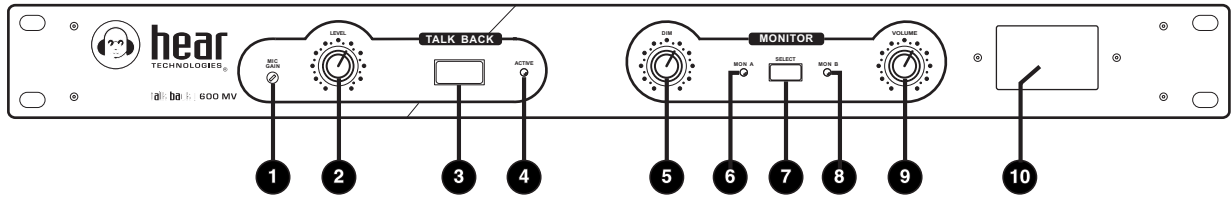
Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.



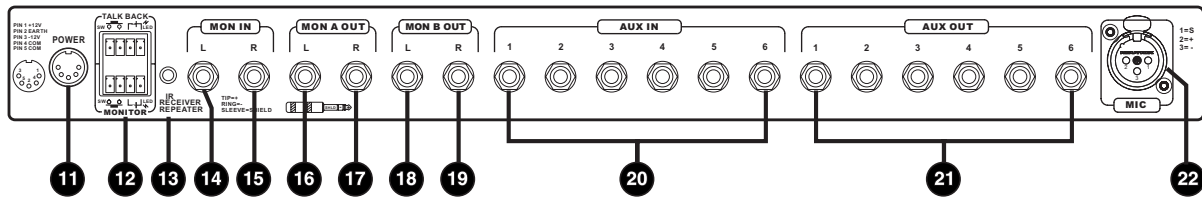
## DETAIL DIAGRAMS

### FRONT PANEL



- 1 **Talk Back Mic Gain:** Adjusts the talk back microphone preamp gain.
- 2 **Talk Back Level Control:** Adjusts the amount of talk back microphone signal mixed with the Aux 1-6 input channels.
- 3 **Talk Back Button:** Turns on the talk back microphone and dims the control room monitors.
- 4 **Talk Back Active Indicator:** Illuminates red when talk back is activated from the front panel, a wired remote, and/or an IR Producers Remote.
- 5 **Monitor Dim Control:** Reduces the Control Room monitor loudspeaker volume when talk back is activated.
- 6 **Monitor A Indicator:** Illuminates blue when Mon A speaker output is selected (default power-up).
- 7 **Monitor Select Button:** A/B Monitor selector switch.
- 8 **Monitor B Indicator:** Illuminates orange when Mon B is selected.
- 9 **Monitor Master Volume**
- 10 **Infrared Receiver Window**

## REAR PANEL

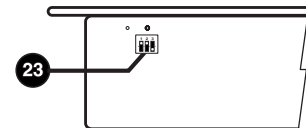


- 11 Power:** Connect power supply DIN output cable here.

**⚠ CAUTION:** Use only the Hear Technologies power supply provided with your unit. Damage can occur and warranty is voided if any other power supply is used.

- 12 Wired Remote:** Connect talk back and Monitor A/B select switch contacts and LED indicators here. See figure 2 for details.
- 13 Infrared Remote Receiver:** Connect the IR receiver extender here.
- 14 Monitor Input Left:** Connect the balanced left monitor output from your console or DAW.
- 15 Monitor Input Right:** Connect the balanced right monitor output from your console or DAW.
- 16 Monitor A Output Left:** Connect this balanced line-level output to the balanced input of your left Monitor A powered speaker or amplifier channel driving a non-powered monitor.
- 17 Monitor A Output Right:** Connect this balanced, line-level output to the balanced input of your right Monitor A powered speaker or amplifier channel driving a non-powered monitor.
- 18 Monitor B Output Left:** Connect this balanced line-level output to the balanced input of your left Monitor B powered speaker or amplifier channel driving a non-powered monitor.
- 19 Monitor B Output Right:** Connect this balanced, line-level output to the balanced input of your right Monitor B powered speaker or amplifier channel driving a non-powered monitor.
- 20 Auxiliary Inputs 1-6:** Connect balanced line-level outputs from the mixer or workstation outputs to these inputs.
- 21 Auxiliary Outputs 1-6:** Connect these outputs to the Hear Back Hub or headphone amplifier channels.
- 22 Mic:** Connect a dynamic or condenser low impedance microphone to this input.  
*Note: Mic phantom power is always on.*
- 23 Talk Back to Aux Output Assignment Switch:** The talk back mic is switch-selectable to auxiliary output pairs 1/2, 3/4, and/or 5/6.

## BOTTOM PANEL



# TYPICAL SYSTEM CONFIGURATION

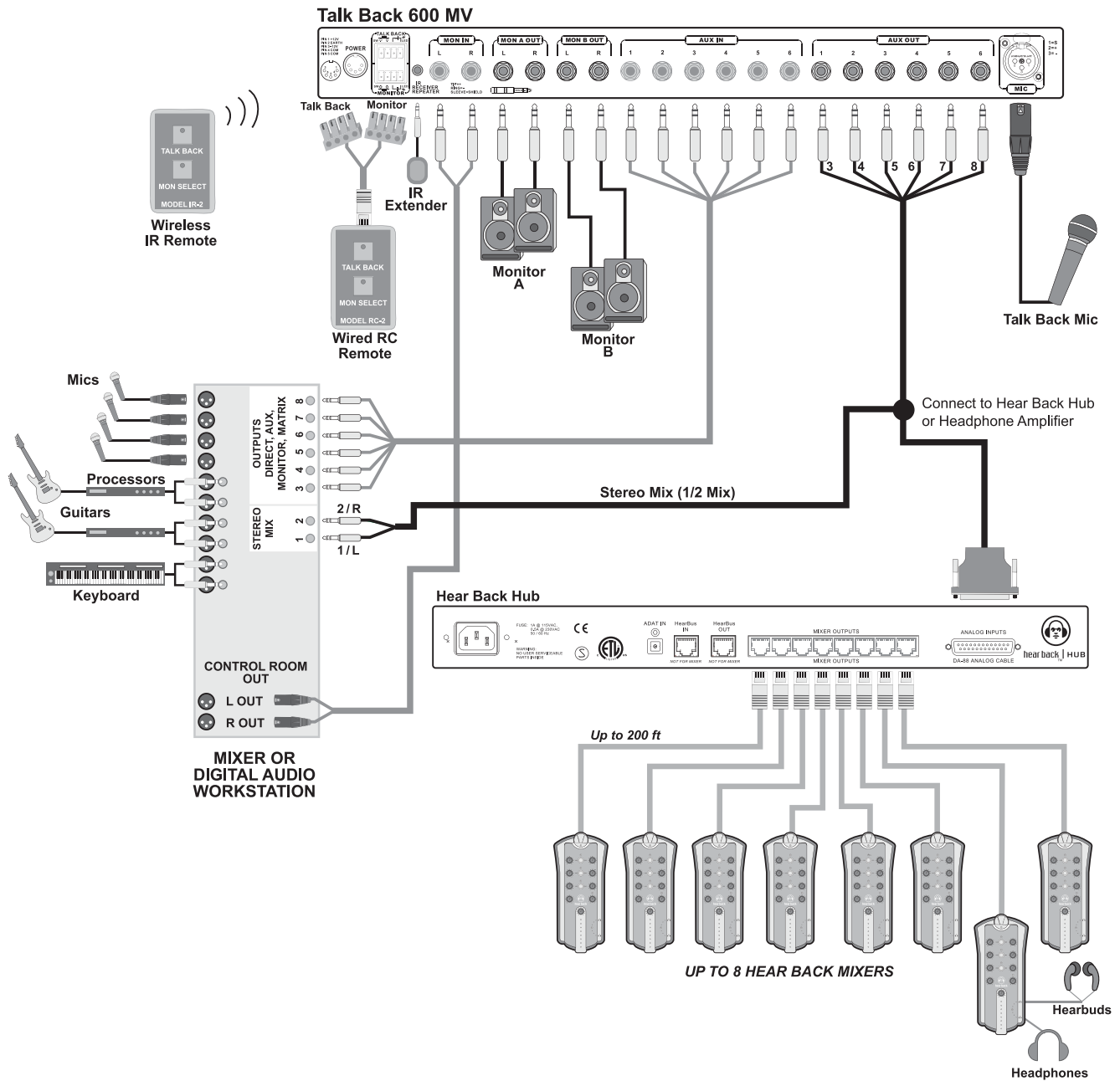


Figure 1



## SETUP AND USE

### CONNECTING THE TALK BACK 600 MV TO YOUR SYSTEM

1. Connect a talk back microphone to the Talk Back 600 MV microphone input.
2. Connect up to six auxiliary outputs from your recording console or digital recording system to the Talk Back 600 MV Aux Inputs.
3. Connect the Talk Back 600 MV Auxiliary Outputs to the headphone monitoring amplifier inputs.
4. Connect the console monitor output into the Talk Back 600 MV Monitor Input and connect the two pairs of control room monitors to the Monitor A and Monitor B Outputs.
5. If wired remote control(s) are desired, connect the wired remote control connections to the rear panel (see Figure 2 for details).
6. Connect the IR Remote Receiver Repeater, if used.

**NOTE:** If only one pair of monitor loudspeakers is used (Monitor A), switching to Monitor B will cause Monitor A to turn off.

A typical system configuration is shown in Figure 1.

Auxiliary and monitor inputs and outputs are 1/4" TRS, Tip Ring and Sleeve, balanced (see below).

Tip = Signal +

Ring = Signal -

Sleeve = Shield

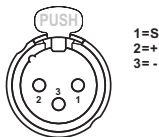


Mic Connector

1 = Shield

2 = Mic +

3 = Mic -



### POWER UP

Before connecting to AC power, insert the 5-pin "DIN" output connector on the supplied power supply to the Power receptacle on the rear panel.



Plug the power supply's input power cord into an electrical outlet. The unit will power up with the blue MON A indicator lit.

**CAUTION** - Use only the Hear Technologies power supply provided with your unit.

### ADJUSTING TALK BACK MICROPHONE PREAMP

1. Power up the headphone amplifier(s) and adjust the levels to nominal settings of +4 dBu.
2. Position the talk back microphone at the desired location.
3. Adjust the Talk Back Level knob pointer to the 12 o'clock position.
4. Press and hold the Talk Back button and speak normally.
5. Adjust the Talk Back Gain Control clockwise until the desired gain is obtained. Adjust the Level control to achieve the desired balance between the console Aux mix(s) audio and the Talk Back Mic volume.

**Note:** If you share talk back operation with a producer, try to locate the talk back microphone to obtain an optimum balance between the engineer and the producer's voice.

### ADJUSTING THE MONITOR DIM CONTROL

Dimming the studio monitors allows the engineer to hear the session while talking to the talent. It is recommended that the monitor volumes be adjusted as low as possible to prevent control room monitor bleed into the talk back microphone.

**NOTE:** It is recommended the Monitor A and Monitor B **relative** volumes be adjusted as close as possible so the DIM feature is consistent when different monitors are selected.

### STUDIO MONITOR SELECT

This unit defaults to Monitor A, the primary studio monitors. To listen to the alternate studio monitors connected to the Monitor B Outputs, simply press the blue monitor SELECT button on the front panel or wired remote. The orange MON B indicator will illuminate. Press and release the SELECT button again to toggle back to MON A output.

### MONITOR MASTER VOLUME CONTROL

The Master Volume control permits control room monitor adjustment from unity gain to off. It is best to adjust this knob as high as possible to maintain optimum signal to noise ratio.

## REMOTE CONTROLS

### WIRED REMOTE CONTROL CAPABILITY

For installations requiring wired remote control(s) for the "TALK BACK" and/or "MONITOR SELECT" switches and indicators, two rear panel Phoenix Contact® connectors are provided, permitting the studio to have up to four wired remotes, plus the front panel. For example, a control panel may be installed at the engineer's desk and at the producer's desk. Additionally, an optional IR remote control (models IR-1 and IR-2) may be used in conjunction with the front panel and the wired remotes.

Two wired remote control models are available: The single button RC-1 remote, with talk back button only, and the RC-2, a dual button remote with both talk back and monitor select.

Wired remote controls are connected to the Talk Back 600 MV using flexible stranded Ethernet Cat 5 cable. A rear panel adapter permits the user to plug up to two wired remotes without the need for tools.

In the event the user desires to design a custom remote, 24 to 18 AWG stranded wire should be used to connect remote controls, as shown in Figure 2.

*Note: Multiple normally open momentary pushbutton switches may be paralleled directly, but multiple LED connections require the addition of a 47-ohm resistor in series with the anode lead of each LED. Additionally, 2mA low-current LED's must be used. Because of a built-in current limiting resistor, the rear panel LED terminals will only source 10mA total.*

*The Talk Back 600 MV front panel LED's will illuminate when selected from the front panel or remote control switches.*



Model RC-1

Model RC-2

### WIRELESS IR REMOTE CONTROL

Also available are wireless infrared remote controls: models IR-1 with a single talk back button, and IR-2 with buttons for talk back and monitor select.

The IR receiver is built into the front of the 600 MV, but there is also a connector for an IR extender in the back. The typical operation is 50 to 100 feet line of sight. These remotes use two AAA batteries.

Multiple IR transmitters can be used with the same Talk Back 600 MV unit. When two remote buttons are pressed, the last one to release removes the control signal.



Model IR-1

Model IR-2

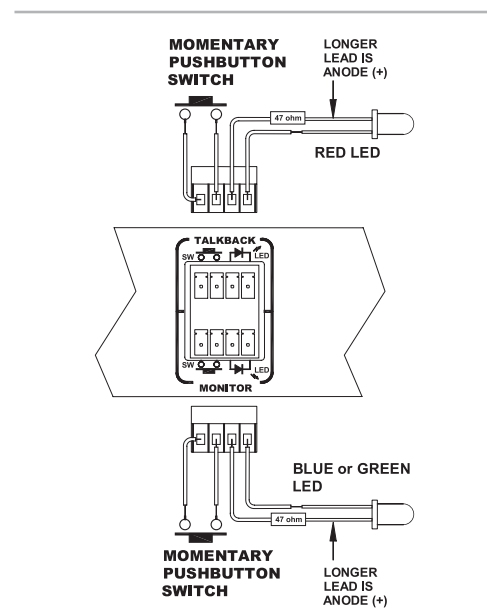


Figure 2

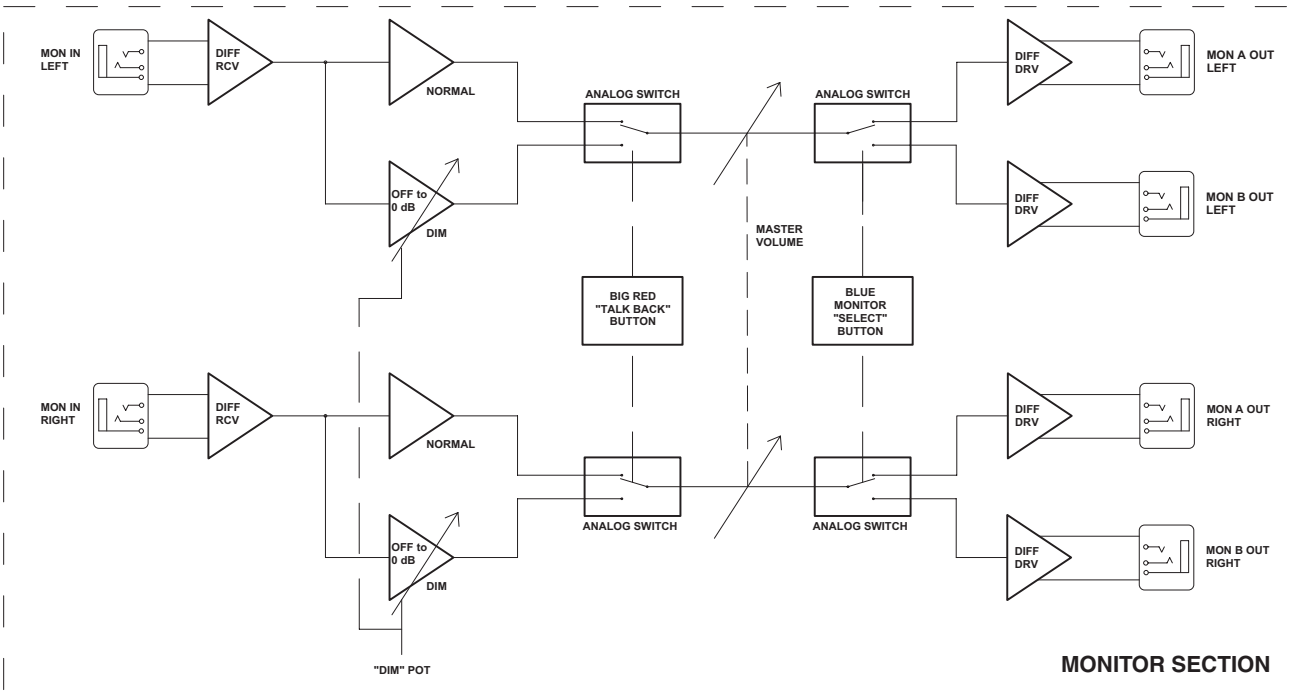
# TALK BACK 600 MV SPECIFICATIONS

Note: 0 dBu = 0.775 V rms

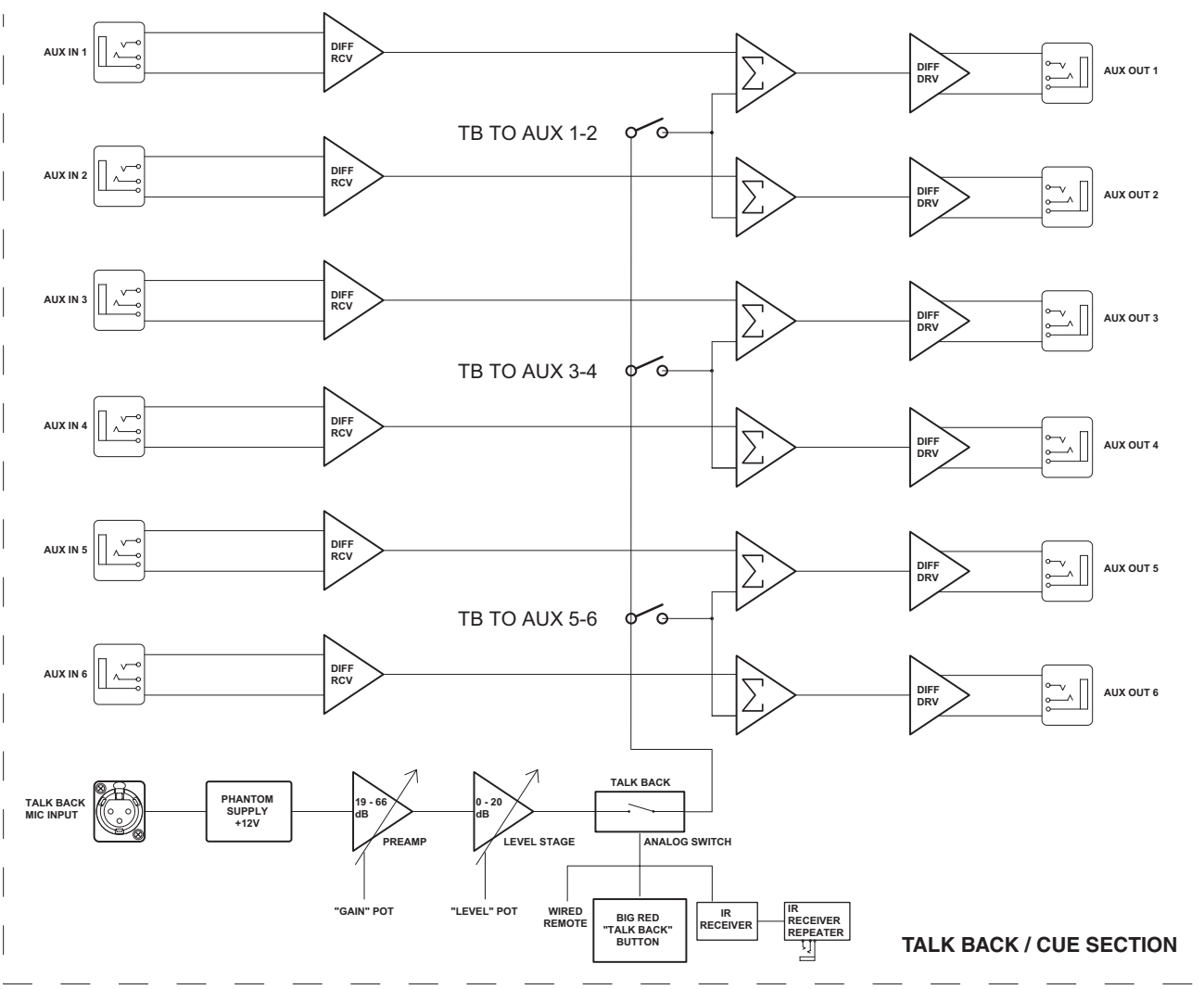
Mic Input to Aux Outputs	
Input Impedance:	3.52 K Ohms +/-2%, differential
Mic Gain Range:	19 to 86 dB +/-2 dB
Frequency Response:	20 Hz to 20 KHz, +0.1 dB, Mic Gain = 66 dB
Equivalent Input Noise:	-126 dBu max unweighted, 22 Hz - 22 KHz, Mic Gain = 60 dB, Rs=150 ohms
Common-Mode Rejection:	58 dB min, 1 KHz, Rs=150 ohms
THD+N:	0.008% max, 20 Hz - 20 KHz, Mic Gain = 40 dB, +4 dBu
Phantom Power:	12 VDC +/-5%
Talk Back Off Isolation:	95 dB min, 1 KHz, Mic Gain = 66 dB
Aux Inputs to Aux Outputs	
Input Impedance:	18 K Ohms min, differential
Gain:	0.6 dB +/- 0.15 dB
Max Input:	24 dBu
Frequency Response:	10 Hz to 40 KHz, +/-0.05 dB
Common Mode Rejection:	80 dB min, 1 KHz, Rs=40 Ohms
Max Output:	25 dBu
Output Impedance:	50 Ohms nominal, each leg, differential
THD+N:	0.0025% max, 20 Hz - 20 KHz, +4 dBu
IMD:	0.0050% max, +4 dBu, 60 Hz/7 KHz
Crosstalk:	-89 dB max, any input to any output @ 1 KHz
Monitor Inputs to Monitor Outputs	
Input Impedance:	18 K Ohms min, differential
Gain:	0.5 dB +/- 0.15 dB
Max Input:	24 dBu
Frequency Response:	10 Hz to 40 KHz, +/- 0.15 dB
Common Mode Rejection:	82 dB min, 1 KHz, Rs=40 Ohms
Max Output:	25 dBu
Output Impedance:	50 Ohms nominal, differential
THD+N:	0.0028% max, 20 Hz - 20 KHz, +4 dBu
IMD:	0.0050% max, +4 dBu, 60 Hz/7 KHz
L/R Crosstalk:	-89 dB max @ 1 KHz
Monitor OFF Isolation:	94 dB min, input to unselected output @ 1 KHz
Power Supply	
Input Requirement:	100 to 240 VAC, 50/60 Hz
Agency Listing:	UL/CUL/GS/CE
Size:	1.68" (4.27cm) H x 2.65" (6.73cm) W x 4.29" (10.9cm) D, less cords
Weight:	1.7 lb (0.77 kg), including cords
Physical	
Construction:	Steel Chassis/Aluminum Front Panel
Size/Weight:	1.75" (4.45cm) H x 19" (48.26cm) W x 6.50" (16.51) D, (1RU)
Unit Weight:	3.75 lb. (1.7 kg)
Shipping Size:	4 ½"(11.43cm) H x 20 5/8"(52.38cm) W x 13 ¾" (34.9cm) D
Shipping Weight:	6.6 lb. (3.0 kg)

\*Specifications and features subject to change without notice.

# BLOCK DIAGRAM



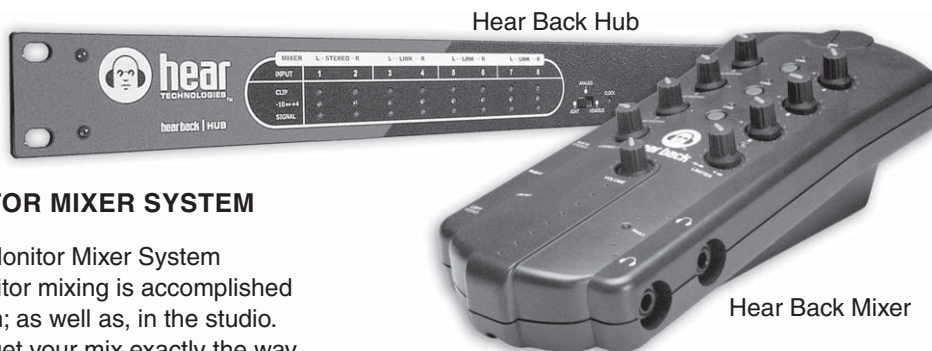
## MONITOR SECTION



## TALK BACK / CUE SECTION



## OTHER HEAR TECHNOLOGIES PRODUCTS



### HEAR BACK PERSONAL MONITOR MIXER SYSTEM

Hear Back Personal Monitor Mixer System changes the way monitor mixing is accomplished on stage or auditorium; as well as, in the studio. With Hear Back, you get your mix exactly the way you want it, the first time. This affordable system is perfect for headphones, wired and wireless in-ear monitors, and/or conventional floor monitors. A basic Hear Back system consists of a Hub and personal Mixers connected using standard CAT5E cables. A single Hub supplies signal and power to a maximum of eight Mixers. The Hubs can be daisy-chained using the HearBus In and Out for virtually unlimited system size. The Hear Back Hub can accept analog input signals from audio mixers, auxiliary, matrix, monitor, and/or direct outputs.

### EXTREME EXTENDERS

The Extreme Extenders were designed to solve ADAT Optical distance limitations. Using CAT5E, the effective length of an ADAT Optical interface can be extended up to 500 feet without any loss of audio quality. The ADAT "Thru" output provides a buffered pass-thru for connection to local ADAT devices.



Extreme Extender ADAT In

Extreme Extender ADAT Out

### HEARBUDS & HEADSET MONITOR

Hearbuds provide an affordable in-ear monitor headset that delivers professional performance at a great value. By creating acoustic chambers at the ear, hearbuds not only dramatically improve the sound of standard in-ear headphones and ear-pieces, their molded, 100% silicon, design also significantly reduces unwanted background noise levels - enabling you to enjoy sound clarity at lower volumes. And, because they're audiologically designed, they're comfortable to wear and won't fall out of your ears!



### CABLES

Hear Technologies offers a variety of quality cables that work with your system including:

- CAT5E cables
- Optical cables
- Analog DA-88 style cable



### LIMITED WARRANTY

Quantum Technologies, Inc. (QTI) warrants the equipment against defects in materials and labor for a period of one year from the original date of purchase. The duration of this warranty is limited to claims made to QTI within the periods stated with respect to parts and labor from the date of purchase. During the warranty period, defective equipment will be replaced or repaired to the general condition as received, at the discretion of QTI.

All transportation is the responsibility of the purchaser or owner. Equipment should be shipped in the original shipping box.

This warranty applies only to defects in materials and workmanship and does not cover failure or damage due to shipping loss or damage, abuse, misuse, misapplication, incorrect or varying power line voltages, lack of proper maintenance, natural disasters, acts of God, or unauthorized modifications,

repairs, or any alterations done without the expressed written consent by QTI. QTI shall not be liable for any loss of use of the equipment, or consequential damages, including damages to other parts of the installation in which the equipment is a part.

QTI does not make any warranty, express or implied, other than the warranty contained herein. No agent, representative, or employee has the authority to increase or alter the liability, obligations, and terms of this warranty or sale of the equipment. NOTE: It is strongly recommended that any equipment returned to QTI be properly packaged and insured for its full value in case of loss, handling or shipping damage.

QTI shall not be responsible for damage or loss of equipment during shipment.



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Huntsville, AL 35806  
**Phone:** 256-922-1200  
**Fax:** 256-922-1221  
[www.HearTechnologies.com](http://www.HearTechnologies.com)