

# MixMinus Plus™

## MIX-MINUS DIFFERENTIAL AMPLIFIER

### Product Description

MixMinus Plus is a special audio device that is designed to add a "mix-minus" facility to an audio console or teleconferencing system. It is often used in a broadcast station to create the "send audio" which is fed into the Send input of a telephone hybrid. MixMinus Plus has inputs for "Program" audio and "Caller" audio. The unit removes the Caller audio from the Program

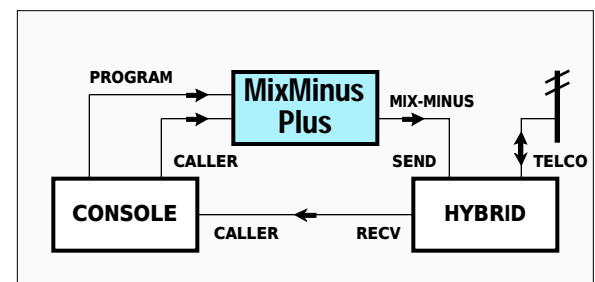
signal. This Program-minus-Caller audio is fed back to the caller via the hybrid. Up to 40 db of caller null is typical. The MixMinus Plus needs no adjustment once installed, and will work with virtually any console and hybrid. The MMP is also applicable to satellite audio systems, removing incoming audio from a return IFB or cue feed to prevent echo and feedback.



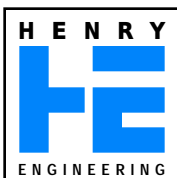
### Technical Specifications

Program Input	0 to +8 dBm nom, bal, bridging
Caller Input	-50 to -10 dBm nom, unbal, bridging
Caller Rejection	40 dB typical
Output Level	0 to +8 dBm, nominal
Output Load	600 ohms or higher, balanced
Gain	0 dB, Unity
Controls	Caller Null
Frequency Response	DC to 20kHz, ±0.25 dB
Distortion	<.01% IM/THD
Noise	>80 dB below nominal output, typ
Power Requirements	115/230VAC, 50/60Hz, 3 W
Construction	Aluminum enclosure and front panel
Physical	6.25"w x 3.75"h x 2.25"d, 2 lbs

### Typical Application



Technical specifications subject to change without notice.



**HENRY ENGINEERING**

503 Key Vista Drive  
Sierra Madre, CA 91024 USA

FAX (818) 355-0077  
TEL (818) 355-3656

REVA 1993