

ANY SPOT[®]

WIRELESS PERSONAL MONITOR

AS-1800

The AS-1800 is designed with features for the professional. The transmitter allows the user to select from 640 frequencies or 32 channels and has a combination XLR/1/4" inputs, 2-1/4" Line Outputs, and selectable 30 or 100 mW transmitter output. The transmitter (AS-1800T) can be programmed with the name of the user, so it is easily identifiable to see which transmitter is for each performer. The AS-1800T also allows the user to change between name, frequency, or channel on the display. There is a sensitivity selector for the transmitter input to match low and line level inputs. The receiver (AS-1800R) is built for the toughest conditions. It is constructed from Magnesium alloy, features diversity antennas, 150mW headphone output, and Mixed Mono Mode. The LCD display shows channel number, frequency, and battery status.

The Mixed Mono Mode allows performers to adjust the balance of the Left and Right audio signals sent from the transmitter directly on the body pack.

1) The performers can have their vocals in Input 1 and the band mix in Input 2 and adjust the volume of each independently to create their own personal mix, or

2) You can send two different monitor mixes from the board so each performer can decide which mix they want to hear on their belt pack.

FEATURING MIXED MONO MODE



AS-1800T

- 640 Selectable UHF Frequencies
- Send a Stereo or Mono Mix to Any Number of Receivers on Stage
- True Thru Output—Continue to Mix to Other Transmitters
- XLR or 1/4" Connection From Any Source Device
- Easy to Read LCD Screen with Metering
- Input Sensitivity
- Front mounted 1/4" Output with Volume Control for Easy Monitoring
- Multiple Transmission Output for the Toughest RF Environments

AS-1800R

- Mixed Mono Mode for Your Own Personal Mix
- All Metal Chassis for Rugged Tour Use
- High Contrast LCD Screen with Four Bar Battery Indicator
- Built-in Limiter
- Operates on 2 AA Batteries (up to 7 hours Alkaline)
- Lightweight titanium driver EB4 Ear buds Included

Band Pack System

The AS-1800-4 Band Pack System makes it easy for any band to **Get Personal**. The system includes four receivers, four sets of ear buds and one transmitter. It is designed to get the whole band wireless in one package. The AS-1800-4 will allow a band to send one stereo mix to 4 individuals (additional receivers may be purchased). Additional transmitters may be purchased at a later date to add mixes.



MAKERS OF THE ORIGINAL
HOT SPOT[®] PERSONAL MONITOR



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WIRELESS PERSONAL MONITOR

AS-1800

Specifications:

AS-1800 System

Band: UHF

Frequencies: 32 Channels / 640 Selectable Frequencies

Transmitter Output Level: 30 mW or 100 mW

Operating Range: Under Typical Conditions 300' (92m)

Note: actual range depends on RF signal absorption, reflection, interference, and battery characteristics

Audio Frequency Response: +/-1dB 45Hz~18kHz

Total Harmonic Distortion: < 0.7% @ 1kHz

Signal to Noise: >105dBA

Maximum Deviation Range: +/-68kHz

Dynamic Range: >90dB A-weighted

Operating Temperature: Range 14°F to 122°F (-10° C to +50° C)

Note: battery characteristics may limit this range

Included Accessories: Power Supply, EB4 Ear Buds, Antenna, Rack Ears, Quick Start Guide

AS-1800T Transmitter

Main Frame Size: EIA STANDARD 1/2U

Modulation Mode: FM Stereo Modulation

RF Output: 30 mW or 100 mW

Max Audio Input Level: +22dBV

Gain Adjustment Range: 6dB

Audio Input: Line Level x 2, XLR/ 1/4" Combo Jack

XLR input: Balanced

Pin: 1 Ground (cable shield)

Pin: 2 Audio +

Pin: 3 No Audio -

Audio Output: 1/4" Unbalanced Jack X 2

Dimensions: 1.7" x 8.2" x 8.1" (44 x 209 x 206 mm) (HxWxD)

Weight: 37 oz (1,043 g)

Power Supplied By: 12 V DC at 500mA supplied by external power supply

AS-1800R Body Pack Receiver

Audio Output Level: 100mW

Sensitivity: 6dBµV, S/N>60dB at 25 deviation (mono)

Stereo Separation: 45db (at 1kHz)

Output Connector: 1/8" (3.5mm) Stereo Earphone Connector

Dimensions: 4.25" x 2.6" x 0.87" (108 x 66 x 22 mm) (HxWxD)

Weight: 5.6 oz (160 g) without batteries

Power Supplied By: 2 (AA) size alkaline or rechargeable batteries

Battery Life: About 7 hours (alkaline)



AS-1800T Transmitter



BACK VIEW



TOP VIEW

AS-1800R



EB4 Standard Ear Buds

FREQUENCY CODES

CODE B2 538-554 MHz

CODE B3 554-570 MHz



MAKERS OF THE ORIGINAL
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Specifications subject to change without notice.

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