

# ANY SPOT®

## WIRELESS PERSONAL MONITOR

### AS-1800

The AS-1800 is the latest addition to our very popular line of WPM's. The transmitter allows the user to select from 640 frequencies or 32 channels and has XLR/1/4" combination 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, which will allow either mic or line level to be accepted into the transmitter. 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.

### FEATURING MIXED MONO MODE



Single Titanium Drivers  
High Fidelity, Extended Bass  
Aluminum Alloy



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.

## 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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### Specifications: AS-1800

#### AS-1800T Transmitter

**Main Frame Size:** EIA STANDARD 1/2 U  
**Channels:** 32 Channels / 640 Selectable Frequencies  
**Frequency Stability:**  $\pm 0.0005\%$ , Phase Lock Loop frequency control  
**Carrier Frequency Range:** CODE B2 538-554 MHz  
CODE B3 554-570 MHz  
**Modulation Mode:** FM stereo modulation  
**Output Power:** 30mW or 100mW Selectable  
**Operating Range:** 300' (100 m) typical (in open space)  
**Oscillation:** PLL synthesized  
**Spurious Rejection:**  $< -60\text{dBm}$   
**Maximum Deviation Range:**  $\pm 68\text{KHz}$   
**Band Width:** 16MHz  
**S/N:**  $> 105\text{dB}$   
**T.H.D.:**  $< 0.7\%$  @ 1KHz  
**Frequency response:** 45Hz~18KHz $\pm 1\text{dB}$   
**Audio Input:** Line level x 2, XLR / 1/4" Combo jack  
**Audio Output:** 1/4" (6.3 mm) unbalanced jack x 2  
**Dimensions:** 1.7" x 8.2" x 8.1" (44 x 209 x 206 mm)(HxWxD)  
**Weight:** 2.3 lbs 1.04kg



BACK VIEW



TOP VIEW

#### AS-1800R Body Pack Receiver

**Channels:** 32 Channels / 640 Selectable Frequencies  
**Frequency Stability:**  $\pm 0.0005\%$ , Phase Lock Loop frequency control  
**Carrier Frequency Range:** UHF CODE B2 538-554 MHz  
UHF CODE B3 554-570 MHz  
**Modulation Mode:** FM stereo modulation  
**Operating Range:** 300' (100 m) typical (in open space)  
**Oscillation:** PLL synthesized  
**Sensitivity:** 6dB $\mu\text{V}$ , S/N $> 60\text{dB}$  at 25 deviation (mono)  
**Band Width:** 16MHz  
**Max. Deviation Range:**  $\pm 68\text{KHz}$   
**S/N:**  $> 105\text{dB}$   
**T.H.D.:**  $< 0.7\%$  @ 1KHz  
**Frequency response:** 45Hz~18KHz $\pm 1\text{dB}$   
**Stereo Separation:**  $\geq 45\text{dB}$  (at 1KHz)  
**Output Connector:** 1/8" (3.5 mm) stereo earphone connector  
**Output Power:** 150mW at 1KHz (THD1%)  
**Battery:** AA x 2  
**Current Consumption:** 185mA typical  
**Battery Current / Life:** About 7 hours  
**Dimension:** 4.25" x 2.6" x 0.87" (108 x 66 x 22 mm)(HxWxD)  
**Weight:** 0.35 lbs (0.16kg)



#### FREQUENCY CODE

CODE B2 538-554 MHz  
CODE B3 554-570 MHz



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Specifications subject to change without notice.

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