

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 a 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 allows 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.



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.









WIRELESS PERSONAL MONITOR

A5-1800

Specifications: AS-1800

AS-1800T Transmitter

Main Frame Size: EIA STANDARD 1/2 U

Channels: 32 Channels / 640 Selectable Frequencies

Frequency Stability: ±0.0005%, Phase Lock Loop frequency control

Carrier Frequency Range: CODE B3 554-570 MHZ

Modulation Mode: FM stereo modulation **Output Power:** 30mW or 100mW Selectable

Operating Range: 300' (100M) typical (in open space)

Oscillation: PLL synthesized Spurious Rejection: <-60dBm Maximum Deviation Range: ±68KHz

Band Width: 16MHz

S/N: >105dB

T.H.D.: < 0.7% @ 1KHz

Frequency response: 45Hz~18KHz±1dB

Audio Input: Line level x 2, XLR / 1/4" Combo jack **Audio Output:** 1/4" (6.3mm) unbalanced jack x 2

Dimensions: 1.7"(H) x 8.2"(W) x 8.1"(D) (44mm(H) x 209mm(W) x 206mm(D))

Weight: 2.3 lbs 1.04kg

AS-1800R Bodypack Receiver

Channels: 32 Channels / 640 Selectable Frequencies

Frequency Stability: ±0.0005%, Phase Lock Loop frequency control

Carrier Frequency Range: UHF Code B3 554-570 MHz

Modulation Mode: FM stereo modulation

Operating Range: 300' (100M) typical (in open space)

Oscillation: PLL synthesized

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

Band Width: 16MHz

Max. Deviation Range: ±68KHz

S/N: >105dB

T.H.D.: <0.7% @ 1KHz

Frequency response: 45Hz~18KHz±1dB Stereo Separation: <u>></u>45dB (at 1KHz)

Output Connector: 1/8" (3.5mm) 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"(H) x 2.6"(W) x 0.87"(D) (108mm x 66mm x 22mm)

Weight: 0.35 lbs (0.16kg)





BACK VIEW

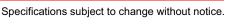






CODE B3 554-570 MHZ









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