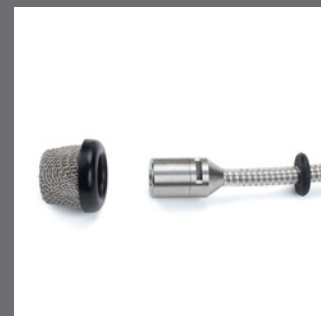


AirLine 88x AH8 Fitness Headset

UHF Wireless System

 WIRELESS



POSITIONING

AirLine 88x AH8 Fitness Headset system offers true wireless freedom without the inconvenience of a belt-pack or cable. Featuring the innovative AH8 micro transmitter headset microphone and CR88x 100 channel True-Diversity receiver, this frequency-agile UHF wireless system provides high-definition sound, water-resistant design and a simple one-touch setup for fitness instructors and active performers.

FEATURES

All-In-One Design

The integrated design of the AH8 Fitness Headset combines a micro transmitter and adjustable stainless steel gooseneck microphone into a low-profile headset that fits comfortably and securely on your head. The headset features an internal 8-hour rechargeable lithium ion battery, sealed magnetic charging contacts and easily accessible Gain and Mute controls.

Marathon Performer

Designed with Yoga, Pilates, Zumba and cycling instructors in mind, the AH8 Fitness Headset features the Samson AE50X micro-miniature microphone capsule. Its unidirectional (cardioid) pickup pattern ensures excellent vocal isolation, minimizes feedback and unwanted noise. Water-resistant components, a sealed circuit board, and a marine-grade stainless steel gooseneck provide protection from perspiration and the elements.

Simple Setup

Simplicity and performance are at the core of the Concert 88x wireless systems. Simple one-touch scan analyzes 100 available channels, automatically finding the clearest channel for your performance space. An infrared signal then locks the transmitter and receiver together. Tone-key and auto-mute circuitry quickly mutes the system when the transmitter is out of range to prevent unwanted noise from entering the signal path. The True-Diversity dual-antenna design provides flawless wireless reception within a 300' range. For classes with more than one instructor or facilities with multiple studios, up to eight systems per frequency can be used simultaneously.

APPLICATIONS

- Fitness/aerobics instruction
- Singer/dancers
- Auctioneers
- Education
- House of worship

SPECIFICATIONS

System

Working Range	300' (100m) line of sight
Audio Frequency Response	50 Hz – 15 kHz
T.H.D. (Overall)	<1% (@AF 1 kHz, RF 46 dBu)
Dynamic Range	>100 dB A-weighted
Signal to Noise	>90 dB
Tone Key Frequency	35 kHz

AH8 Headset Microphone Transmitter

Microphone Element	Condenser
Microphone Polar Pattern	Unidirectional
Input Gain Range	20dB
RF Power	10mW EIRP
Power Requirements	3.6V 500mAh
	Lithium ion rechargeable battery
Battery Life	8 hours
Included Accessories	4 foam windscreens, 1 stainless steel windscreen, rubber head-band
Dimensions (LxWxH)	5.9" x 6.7" x 3.9"
	150mm x 170mm x 100mm
Weight	0.13lb / 60g

CR88x Receiver

Audio Output Level	+14 dBu Unbalanced
	+9 dBu Balanced
Sensitivity	-100 dBm / 30 dB sinad
Image Rejection	>50 dB
Operating Voltage	15 VDC 200mA
Dimensions (LxWxH)	8.25" x 4.9" x 1.75"
	210mm x 125mm x 44mm
Weight	0.88 lb / 400 g