

# Amplifier/Receiver



## VoiceLink Plus IMA-100

Amplifier | Infrared Microphone Receiver | Audio Mixer

### Specifications

Receiver Input	Infrared FM
Modulation	FM wide-band
Reception Frequencies	Ch. A: 2.08 MHz
Infrared Wavelength	850 nm
Tone Signal	Ch. A: 32.768 kHz
De-emphasis	50 $\mu$ s
Frequency Response	50 Hz, -13 kHz, $\pm$ 3 dB
S/N Ratio	$\times$ 65 dB
Total Harmonic Distortion	$<$ 1 % @ 1 kHz
Nominal Deviation	$\pm$ 10 kHz
Maximum Deviation	$\pm$ 25 kHz
External Sensor Input	2, RCA
Aux Input	3.5 mm with gain control
Output Power	2 class D digital amplifiers @ 10W, 20W total (RMS) 4 $\Omega$ 4-pin Phoenix connector
Power Supply	12 V DC   0.6 A   7.2 W
Dimensions	5" W x 1" H x 4.5" D
Weight	6.8 oz
Enclosure	ABS

### Features

- 1 infrared receiver channel
- 2 x 10 watt amplifiers, 20 W total (RMS)
- 4-pin Phoenix speaker connection
- 3.5 mm line level aux input w/ gain control
- 2 external microphone sensor inputs, single RCA
- Mounting brackets