



Features

- ▶ 2.4 GHz wireless audio playback
- ▶ Four mono microphone/line input channels
- ▶ Four 1/4" stereo line input channels
- ▶ Accepts balanced and unbalanced input connections
- ▶ Stream stereo audio from any modern bluetooth-enabled smart phone or tablet
- ▶ Control room/Phones source matrix for monitor flexibility
- ▶ EFX/AUX send cue for monitoring individual channel
- ▶ 75Hz low-cut filter on mono channel for removing rumble
- ▶ Versatile 16 program EFX with adjustable parameter
- ▶ Balanced master outputs through 1/4" TRS jacks
- ▶ Global +48V phantom power on XLR microphone inputs
- ▶ Ideal for sub mixes, small performances and studio application

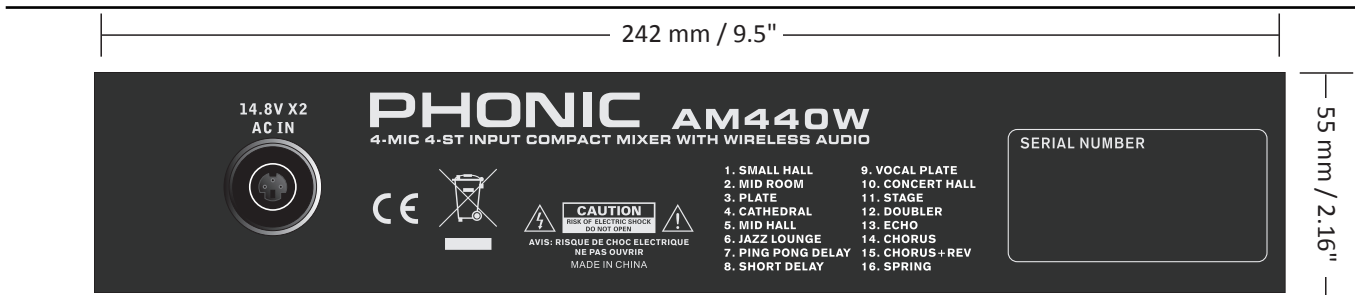
Description

The AM440W Compact Mixer features an onboard 2.4 GHz bluetooth module that allows playback of any audio signal directly from any smartphone, tablet or laptop. All wireless audio is then sent through to channels 11 and 12. In addition to this, the AM440W features another 4 mono mic/line channels in addition to 4 stereo line channels for flexible input possibilities. Each mono channel features a super-musical 3-band equalizer as well as a 75Hz low-cut filter for removing stage rumble. A 32/40-bit DFX processor is built in with 16 preset effects each of which has it's own user-adjustable parameter.

AM440W

Dimensions

Compact Mixer with 2.4GHz Wireless Connectivity



Specifications

Inputs

Total Channels	8
Balanced Mono Mic / Line Channel	4
Balanced Stereo Line Channel	4
2T Input	Stereo RCA

Outputs

Main L/R Stereo	2 x 1/4" TRS, Bal.
Rec Out	Stereo RCA
CTRL RM L/R	2 x 1/4" TS
Phones	1
EFX Send	1
Pan/Balance Control	Yes
Volume Controls	Rotary

Master Section

Phones Level Control	Yes
Main L/R Level Control	Main L/R, 60mm fader
Level Meter	2 x 4-segment
Phantom Power Supply	+48VDC
Frequency Response (Mic input to any output)	
20Hz ~ 60KHz	+0/-1 dB
20Hz ~ 100KHz	+0/-3 dB
Crosstalk (1KHz @ 0dBu, 20Hz to 20KHz bandwidth, channel in to main L/R outputs)	
Channel fader down, other channels at unity	<-90 dB
Noise (20Hz to 20KHz; measured at main output, Channels 1-4 unit gain; EQ flat; all channels on main mix; channels 1/3 as far left as possible, channels 2/4 as far right as possible. Reference=+6dBu)	
Master @ unity, channel fader down	-86.5 dBu
Master @ unity, channel fader @ unity	-84 dBu
S/N ratio, ref to +4	>90 dB
Microphone Preamp E.I.N. (150 ohms terminated, max gain)	<-129.5 dBm
THD (Any output, 1KHz @ +14dBu, 20Hz to 20KHz, channel inputs)	<0.005%
CMRR (1 KHz @ -60dBu, Gain at maximum)	80 dB

Maximum Level

Mic Preamp Input	+10 dBu
All Other Input	+22 dBu
Balanced Output	+28 dBu

Impedance

Mic Preamp Input	2 K ohms
All Other Input (except insert)	10 K ohms
RCA 2T Output	1.1 K ohms

Equalization

Low EQ	80 Hz
Mid EQ	2.5 KHz
Hi EQ	12 KHz
Low Cut Filter	75Hz (-18dB/oct)
Effect Processor	16 effects with one main parameter control
Wireless Frequency	2.4GHz (Bluetooth)
Power Requirement (external power supply, depends on region)	100VAC, 120VAC, 220~240VAC, 50/60Hz
Weight	1.72 kg (3.78 lbs)
Dimensions (WxHxD)	242 x 55 x 225mm (9.5" x 2.16" x 8.86")

Information in this document is subject to change without notice.

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