AUDIO ENHANCEMENT®

Front View

Back View

BEAM Pro
AUDIO ENHANCEMENT

Side View

Power | TOSLINK Optical Input | Additional I/O for teacher workstation | SAFE System Inferface/RS232 Serial Port

BEAM Pro
AUDIO ENHANCEMENT

800.383.9362
Assembled in USA

LANYARD MICROPHONE LINKING Instructions
1. If microphone is ON, press and hold "PWR" until microphone turns OFF.
2. Press and release the XD "LINK" button on the side of the speaker.
3. Press and hold both "PWR" and "REC" pushbuttons together until a beep is heard from the speaker.

HANDHELD LINKING Instructions
1. Slide "TALK" switch down to turn OFF the microphone.
2. Press and release the XD"LINK" button on side of the speaker.
3. Press and hold both "PWR LINK" & "TALK" pushbuttons together until a beep is heard from the speaker.

PAIRING
1. Activate pairing on your smartphone.
2. Press the pairing button on the side of the speaker.
3. Select the "AE_BLUE" device.

PA Mute Terminal/ External Speaker Out | Tone Controls | Panel Input | Line/Media Volume Control

Volume control for interactive software connection (ALD Volume Control)

Connection for recording to interactive software (ALD Output)

Audio input for teacher use

Wireless Paring Button

Microphone Linking Button
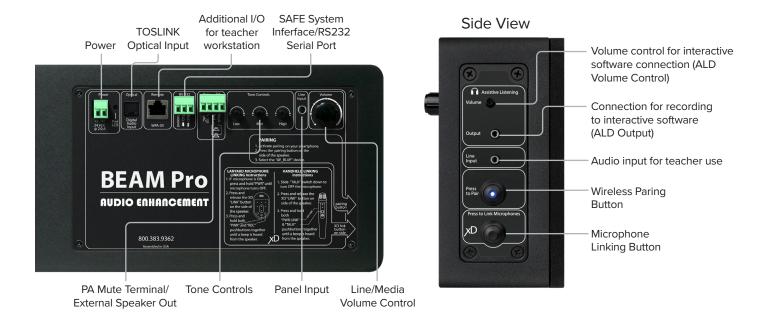
Audio Enhancement's **BEAM Pro** is designed to work seamlessly with our award-winning classroom audio microphones. BEAM Pro is a speaker with an integrated amplifier/receiver for use with interactive panels.

BEAM Pro offers the following benefits:
• An all-in-one audio system perfect for interactive panels
• High-quality sound for multimedia
• Quick and simple installation - features TOSLINK® connection for compatibility with modern interactive panels
• Includes a 6 foot 3.5 mm audio cable

BEAM Pro Specifications*

Amplifier Specifications*

Audio Power	50 Watts
Power Requirements	24 VDC power supply
Connectors	1 Traditional variable gain line output with side panel volume control + connector for assistive listening devices
Equalization	3-Band equalizer (Bass, Mid, Treble)

Volume Controls	Main Volume Control - large volume knob on rear panel or line level control on teacher mic
	    Controls media sorces from:
	        - Rear Panel 3.5 line input
	        - TOSLINK Optical input
	        - Side panel 3.5 or line input
	RJ45 Accessory Input/Output
	    Volume Control via wall plate

Inputs/Outputs	2 XD wireless microphones
	3 line inputs:
	  • Line 1 - Rear panel Unbalanced Stereo (mixed to mono - 3.5 TRS)
	  • Line 2 - Side panel Unbalanced Stereo (mixed to mono - 3.5 TRS)
	  • Line 3 - Accessory RJ45 port
	
	1 Optical TOSLINK input
	2 Line Level outputs
	1 3.5 mm TRS unbalanced line level stereo output
	1 Accessory RJ45 port

Optional Remote Wallplate (WPA-03) Provides:	1 3.5 mm TRS unbalanced stereo input 1 3.5 mm TRS unbalanced output
PA Sense Mute	Connects to Public Address System and mutes BEAM Pro during announcements. Sensitivity 4 Volts to 74 Volts RMS

Wireless Specifications*

System Frequency	XD Technology 1.9 GHz
Coverage	Adjustable for optimal coverage from small classrooms to cafes, gyms, and other large spaces
Microphone Type	Unidirectional electret condenser microphone
Temperature Range	32º F - 104º F (0º C - 40º C)
General Signal to Noise Ratio	85 dB or more (Receiver to Mix/MIC output) By auto level control function in Microphone

Control Terminal

RS-232C	TxD, RxD, Gnd, 9600 Baud

Interface, Other, and Exterior

Remote control via microphone and RS-232	Audio controls Mic 1, Mic 2, Line Input levels	REC/E1 REC/E2

Speaker Specifications*

Frequency Response	70 Hz to 15 kHz (-10 dB)
Approximate Weight	14.10 lbs (6.40 kg)
Approximate Dimensions	6.83 (H) x 36.00 (W) x 3.30 (D) in. (173.5 x 914.40 x 83.9 mm) Mounting holes 9.88 in. from both sides (250.95 mm) 1/4 x 20 mounting holes

Audio Enhancement's BEAM Pro increases the center of gravity on a panel by 1.25 inches (31.75 mm).

To ensure optimal installation on a media cart, please follow cart manufacturer guidelines.

AUDIO ENHANCEMENT®