AUDIO ENHANCEMENT®

Audio Solutions   EPIC System   SAFE System   VIEWpath

2020 Catalog

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AudioEnhancement.com • 800.383.9362

Table of Contents

Audio Enhancement, Inc. creates more effective classrooms through audio, visual and instructional tools. This catalog is a visual companion to our standard price list and contains pictures of our most basic kits and components. Items are listed alphabetically, by category.

Catalog shows systems in their classic configurations. Additional system options may be available beyond what is represented here. For more information, contact your local representative.

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BEAM

Cart- and Wall-Mount Configuration

Table-Mount Configuration

Cart-Mount Kit

Item #	Description
XD-1212	BEAM Classroom Audio Bar
AC-3006	Cart-Mount Bracket for BEAM
XD-0701	XD Teardrop Microphone
XD-0801	XD Handheld Microphone
XD-5011	Dual USB Charging Block
XD-5021	6' USB 2.0 Charging Cable
XD-5001	Lithium Ion Battery

Wall-Mount Kit

Item #	Description
XD-1212	BEAM Classroom Audio Bar
AC-3007	Wall-Mount Bracket for BEAM
XD-0701	XD Teardrop Microphone
XD-0801	XD Handheld Microphone
XD-5011	Dual USB Charging Block
XD-5021	6' USB 2.0 Charging Cable
XD-5001	Lithium Ion Battery

Table-Stand Kit

Item #	Description
XD-1212	BEAM Classroom Audio Bar
AC-3008	Table-Stand Bracket for BEAM
XD-0701	XD Teardrop Microphone
XD-0801	XD Handheld Microphone
XD-5011	Dual USB Charging Block
XD-5021	6' USB 2.0 Charging Cable
XD-5001	Lithium Ion Battery

Item #	Description	Education Price
XD-8110	BEAM Pal - Cart Mount - Teacher & Handheld Mics (KIT)	$1,359.00
XD-8111	BEAM Pal - Wall Mount - Teacher and Handheld Mics (KIT)	$1,440.00
XD-8112	BEAM PAL - Table Stand - Teacher & Handheld Mic (KIT)	$1,489.00

Mini Classroom System

Item #	Description
SP-0001	4 Ceiling Speakers and Tile Bridge
AC-0002	75' Plenum Speaker Cable
AC-0003	50' Plenum Speaker Cable
XD-0601	XD Receiver
AC-0102	3' Cat6 Plenum Cable–Black
XD-0701	XD Teardrop Microphone
XD-0801	XD Handheld Microphone

Item #	Description
XD-5011	Dual USB Charging Block
XD-5021	6' USB 2.0 Charging Cable
XD-5001	Lithium Ion Battery
AM-0203	CA-30 Amplifier
AC-1002	Power Supply
AC-1003	15' Power Cable

Item #	Description	Education Price
XD-8001	Mini Classroom System Pal XD - 4 Ceiling Speakers (KIT)	$1,388.00

GL-300 Classroom System

Item #	Description
SP-0001	4 Ceiling Speakers and Tile Bridge
AC-0002	75' Plenum Speaker Cable
AC-0003	50' Plenum Speaker Cable
XD-0601	XD Receiver
AC-0102	3' Cat6 Plenum Cable–Black
XD-0701	XD Teardrop Microphone

Item #	Description
XD-0801	XD Handheld Microphone
XD-5011	Dual USB Charging Block
XD-5021	6' USB 2.0 Charging Cable
XD-5001	Lithium Ion Battery
AM-0300	GL-300 Amplifier
AC-1002	Power Supply

Item #	Description	Education Price
XD-8003	GL-300 XD System Pal - 4 Ceiling Speakers (KIT)	$2,044.00

Optimum Classroom System

Item #	Description
SP-0001	4 Ceiling Speakers and Tile Bridge
AC-0002	75' Plenum Speaker Cable
AC-0003	50' Plenum Speaker Cable
XD-0601	XD Receiver
AC-0102	3' Cat6 Plenum Cable–Black
XD-0701	XD Teardrop Microphone

Item #	Description
XD-0801	XD Handheld Microphone
XD-5011	Dual USB Charging Block
XD-5021	6' USB 2.0 Charging Cable
XD-5001	Lithium Ion Battery
AM-0500	MS-500 Amplifier
AC-0125	3'Cat6 Plenum–Grey

Item #	Description	Education Price
XD-8004	Optimum Classroom-MS-500- XD System Pal - 4 Ceiling Speakers (KIT)	$2,587.90

Sentinel Classroom System

Item #	Description
SP-0001	4 Ceiling Speakers and Tile Bridge
AC-0002	75' Plenum Speaker Cable
AC-0003	50' Plenum Speaker Cable
XD-0601	XD Receiver
AC-0102	3' Cat6 Plenum Cable–Black
XD-0701	XD Teardrop Microphone
XD-0801	XD Handheld Microphone

Item #	Description
XD-5011	Dual USB Charging Block
XD-5021	6' USB 2.0 Charging Cable
XD-5001	Lithium Ion Battery
AM-0102	CA-60A Amplifier
AC-1002	Power Supply
AC-1003	15' Plenum Cable

Item #	Description	Education Price
XD-8002	Sentinel XD System Pal - 4 Ceiling Speakers (KIT)	$1,468.00

XD Receiver Packages

Item #	Description
XD-0601	XD Receiver
AC-0102	3' Cat6 Plenum Cable—Black
XD-0701	XD Teardrop Microphone
XD-0801	XD Handheld Microphone

Item #	Description
XD-5011	Dual USB Charging Block
XD-5021	6' USB 2.0 Charging Cable
XD-5001	Lithium Ion Batter

Item #	Description	Education Price
XD-8050	XD Receiver AE Upgrade SystemPal - w/Pendant & HH Microphone (KIT)	$833.00

XDSolo®

XDSolo Pal System

XDSolo Pal System w/Companion Speaker

Item #	Description
XD-1100	XDSolo Speaker
XD-0701	XD Teardrop Microphone
XD-0801	XD Handheld Microphone
XD-5011	Dual USB Charging Block
XD-5021	6' USB 2.0 Charging Cable
XD-5001	Lithium Ion Battery

Item #	Description
XD-1100	XDSolo Speaker
XD-1110	XDSolo Speaker Portable Companion
XD-0701	XD Teardrop Microphone
XD-0801	XD Handheld Microphone
XD-5011	Dual USB Charging Block
XD-5021	6' USB 2.0 Charging Cable
XD-5001	Lithium Ion Battery

Item #	Description	Education Price
XD-8100	XDSolo Speaker Pal System With Blue Tooth (KIT)	$1,699.00
XD-8101	XDSolo Speaker Pal System With Companion Speaker (KIT)	$2,284.00

EPIC System

Item #	Description
EP-9001	EPIC IPB License
EP-0009	EPIC Basic License
EP-0005	Remote Support Window License
EP-0004	Speechware Table Microphone
EP-0003	22" Viewsonic Touch Monitor
AC-0112	5' Cat6 Cable—Blue
EP-0007	Keyboard for EPIC System

Item #	Description
EP-0002	EPIC System Console processor
EP-9003	EPIC Headend Appliance
AC-0103	7' Cat6 Cable—Black
AC-2071	M5 Rack Cabinet Screws
AC-2072	Velcro Cable Ties
EP-0001	1U Rackmount Server for EPIC

Item #	Description	Education Price
EP-8001	EPIC System Head End (KIT)	$14,995.40

AV Touch Wall Control

- Customizable and programmable 3.5" wall panel
- Power on or off any connected device
- Compatible with GL-300 and MS-500 Amplifiers
- Full-color touch display
- Mounts to any standard 2-gang wall box or re-work box

Item Number: PA-8010
Education Price: $475.50

WPA-501 Ambient Microphone Wall Plate

- Ambient room microphone
- Can be mounted on ceiling or wall

Item Number: NE-0006
Education Price: $55

WPA-502 Call and Emergency Wall Plate

- Wall Plate accessory that includes 2 membrane buttons and an ambient microphone for 2-way intercom communication
- Red membrane button for emergency calls
- Green membrane button for normal intercom calls

Item Number: NE-0007
Education Price: $55

WPA-504 Intercom Call Wall Plate

- Intercom call membrant button with ambient microphone
- Easy installation, screw terminal connection

Item Number: NE-0008
Education Price: $55

WPA-505 Emergency Wall Plate

- Emergency call membrane button
- Easy installation, screw terminal connection

Item Number: NE-0009
Education Price: $55

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EPIC System SAFE ONLY

- EPIC System SAFE ONLY includes a Touchscreen Monitor and campus map for a clear picture of incident location
- EPIC System SAFE ONLY provides a central relay station for all communications between devices used with SAFE System. This allows all transactions that happen between devices to be logged for later perusal
- Every 3 minutes, all SAFE System devices connected to the network are monitored to ensure that they are still functioning. If a device is offline, a network administrator is notified immediately
- *Optional high-definition, 360° camera allows educators to see the full room

Item #	Description	Education Price
EP-8004	EPIC System SAFE ONLY Head End Includes EPIC Console, No Boom Mic (KIT)	$13,370.90

MS-300 Network Interface

- MS-300 allows a classroom audio system to connect to the school network infrastructure
- Facilitates two-way communication from front office to classroom
- MS-300 can be connected to an ambient microphone to provide full audio coverage

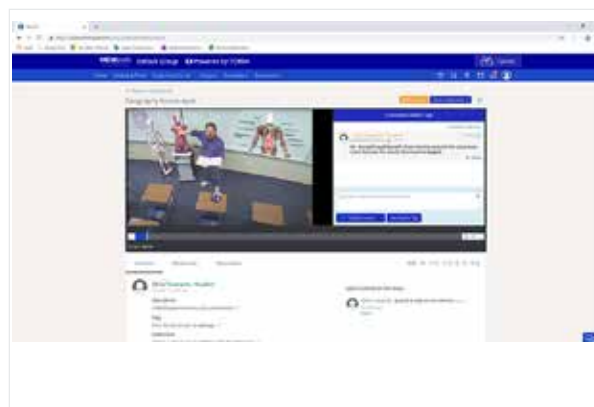| Item #	Description	Education Price
AM-0301	MS-300 Interface with 7-ft. Cat6 Cable (KIT)	$550.00

EduCam360®

Item Number: NE-9100
Education Price: $1,699

- The EduCam360-B allows educators, administrators and emergency personnel to see the entire classroom all at once with multiple, simultaneous angles of the classroom. Choose 360° panoramic, 2-180° double panoramas, 4 quarter 90 ° or single stream view
- Rolling lens provides privacy action for teacher
- 12 megapixel maximum resolution
- Multiple H.264 (high profile) streams and JPEG streams ensure simultaneous real time monitoring and high resolution recording
- Smooth PTZ operation without mechanical action
- Built-in distortion correction function
- Alarm with 2 available inputs, trigger actions including FTP transfer, email notification, indication on browser, and 2 alarm terminal outputs
- Compatible with Network Video Recorder (NVR)

VIEWpath

- Easy-to-use professional development platform
- Schedule recordings in advance or record from the Teacher Microphone and with mobile device app
- Live stream instruction to remote students with VIEWpath Live
- Unlimited cloud-based storage
- Video can be added to teachers' existing LMS
- Chrome™ web-based interface
- EduCam360-B offers 4K video and multiple camera views (see page 12)
- EduCamPTZ helps educators easily broadcast and capture lessons for remote learning (see page 14)

Item #	Description	Education Price
NE-9054	VIEWpath E3 Head End (1 per Campus Required) (KIT)	$11,884.40

VIEWpath Blend

- Includes the BEAM and EduCamPTZ camera for the ultimate portable audio and video system
- Combined solution allows educators to record both audio and video content for students participating in remote or blended learning
- Use Lecture Capture to combine desktop display with classroom audio and video
- BEAM offers crystal-clear audio
- Includes all the features of VIEWpath when combined with an installed headend server (see page 13)
- Easy setup requires only a network drop and outlet

Item Number: NE-8151
Education Price: $2,125

EduCamPTZ®

- The EduCamPTZ (Pan Tilt Zoom) is a classroom camera for broadcasting and capturing lessons
- Ideal for remote learning in live and recorded mediums
- When coupled with VIEWpath, can be used as a web cam with remote learning applications (see page 13)
- 4x optical zoom
- Resolution up to 2560 x 1440
- Low light performance
- Direct audio input from classroom microphones
- Power over Ethernet

Item Number: NE-8101
Education Price: $995

Amplifiers

CA-30A Amplifier

Item Number: AM-0203
Education Price: $110

- Versatile mounting system
- Mounts directly to projector poles
- Mount in plenum rated ceiling enclosures or inside cabinets
- Plug and play compatibility with Audio Enhancement's XD classroom microphones
- See page 4 for complete system

CA-60A Amplifier

Back Side   Side View   Front Side

Item Number: AM-0102
Education Price: $190

- 50 Watts CA-60A amplifier
- 3 Mono auxiliary line inputs
- 3 Variable gain-line input for adding receiver/ microphones system
- 1 Variable line level output for ADA compliance
- 1 Mix/Minus line level output for recording to PC or other recording device
- Slim design for mounting behind interactive whiteboards and variable locations
- See page 5 for complete system

GL-300 Amplifier

Item Number: AM-0300
Education Price: $758

- Controllable via RS-232
- Four multimedia inputs
- Microphones will mute during paging
- USB programmable
- 1 Line balanced/unbalanced input (Euroblock),
- 3 Line unbalanced stereo inputs (3.5 mm)
- 1 Input connector for XD Receiver
- Internal network audio
- See page 4 for complete system

MS-500 Network Amplifier

Item Number: AM-0500
Education Price: $1,262

- Full-duplex audio
- Easy-to-use, easy-to-install
- Simple user interface software
- Entire unit is exclusively powered over Ethernet
- Intercom and paging functionality built-in
- During emergencies, paging can still be heard
- 4 Line unbalanced stereo inputs (3.5 mm)
- 1 Input connector for XD Receiver
- Internal network audio
- See page 5 for complete system

Microphones

IR Handheld Microphone

Item Number: IR-0801
Education Price: $172

- Micro Handheld Microphone
- Uni-directional electret cardioid microphone element for clear voice reception in all directions
- Power slide switch and power push-to-talk momentary switch
- Volume can be remotely controlled from the
- Teacher Microphone
- Single AA NiMH rechargeable battery included
- Built-in Microprocessor Intelligent Charge (M.I.C.) to protect from improper battery replacement and extend the life cycle of the battery

IR Teardrop Teacher Microphone

Item Number: IR-0701
Education Price: $172

- Micro pendant-style Teacher Microphone with clip and lanyard
- Uni-directional electret cardioid microphone element for clear voice reception in all directions
- 3.5 mm Remote line level input
- 3.5 mm Microphone input
- Selectable amplifier level remote volume control for own microphone, Handheld Microphone, and auxiliary level inputs (multimedia)
- Single AA Nickel Metal Hydride (NiMH) rechargeable battery included
- Built-in Microprocessor Intelligent Charge (M.I.C.) to protect from improper battery replacement and extend the life cycle of the battery
- Function button for SAFE (Signal Alert for Education)
- System alert
- Includes one wall charger

Mic360®

Item Number: XD-9360
Education Price: $400

- Use to encourage students to actively participate in classroom discussions.
- Teachers can easily manage classroom discussions using "talking stick" method
- "Quiet Toss" feature mutes the microphone while throwing
- Includes Audio Enhancement's XD Teacher Microphone
- Microphone charges while inside Mic360

Microphones, Receivers

XD Handheld Microphone

Item Number: XD-9050
Education Price: $209

- Using the Handheld Microphone, students have been found to speak more confidently and thoughtfully
- Push to talk momentary switch for quick statements or talk switch for longer presentations
- Plug in auxiliary devices directly to the XD handheld microphone via the auxiliary line level port
- Volume can be remotely controlled from the
- Teacher Microphone
- Single Lithium Ion rechargeable battery included
- Includes one cable
- Can be used while charging

XD Teacher Microphone

Item Number: XD-9025
Education Price: $225

- Micro pendant-style Teacher Microphone with clip and lanyard
- Uni-directional electret condenser microphone
- 3.5 mm Microphone input
- Selectable amplifier level remote volume control for own microphone, Handheld Microphone, and auxiliary level inputs (multimedia)
- Single Lithium Ion battery included
- Includes one dual wall charger and cable

XD Receiver

Item Number: XD-9001
Education Price: $399

- Prevents microphones that are not paired to the receiver from bleeding through
- LED indicators make it easy to tell if microphones are properly connected
- Linking the microphones to the receiver is fast and easy
- System frequency 1.9 GHz
- Adjustable for optimal coverage from small classrooms to cafes, gyms and other large spaces
- Available dedicated media channel allows audio from mobile carts to play through the Classroom Audio System
- Accessories: ceiling tile bridge available, ceiling/wall mount bracket included
- For upgrade kit option, see page 6

Speakers

70V Ceiling Speaker

- Impedance: 8 ohms nominal
- Sensitivity: 96 dB 1 W/1 meter
- Power Handling: 50 watts continuous pink noise
- 2-Way system with vented enclosure

Item Number: SP-0300
Education Price: $70

CS-12 Flush Ceiling Speaker

- Impedance: 8 ohms nominal
- Sensitivity: 88 dB 1 W/1 meter
- Power Handling: 50 watts continuous pink noise
- Plenum rated back can
- Tuned and ported enclosure for optimal bass response and efficiency
- Quick speaker connects for rapid installation
- Seismic tie down loop for anchoring to structure
- Flush mounts in the ceiling for a clean look after installation
- Kit includes speaker, tile bridge and speaker wire

Item Number: SP-9101
Education Price: $98

White Wall Speaker

- Impedance: 8 ohms nominal
- Sensitivity: 88 dB 1 W/1 meter
- Power Handling: 50 watts continuous pink noise
- 2-Way system with vented enclosure
- U-Bracket mount included for up to 180 degrees of rotation
- Kit includes speaker, wall bracket with knobs, and speaker wire

Item Number: SP-9151
Education Price: $98

XDSolo® Companion Speaker

- Works with the XDSolo
- Accompanying speaker for further coverage
- 50-ft 3.5mm to 3.5mm shielded cable included

Item Number: XD-1110
Education Price: $570

Miscellaneous

AA NiMH Rechargeable Battery

- Panasonic AA Nickel Metal Hydride Rechargeable battery for use with teacher and student microphones

Item Number: IR-5001
Education Price: $32

AE24V Power Supply

- Power supply for CA-30, GL-300, and MS-450 Amplifiers

Item Number: AC-1001
Education Price: $75

AE 3.5 to 3.5 Cable 35'

- 35' 3.5 to 3.5 plenum-rated, shielded cable

Item Number: AC-0202
Education Price: $26

AVConnect (HDBaseT)

- Supports resolutions up to 4K at 60 Hz
- Upconverts VGA signals to HDMI
- Transmits to distances up to 328 feet (100 meters)
- Supports USB 2.0
- Supports Power over Cable (PoC)
- Includes RS-232 Control
- Audio return for ALD devices
- Direct connection to Audio Enhancement amplifiers and the AV Touch Wall Control Panel

Item Number: PA-0076
Education Price: $545

Miscellaneous

BEAM Bracket—Cart-Mount

• For mounting the BEAM to mobile display carts

Item Number: AC-3006
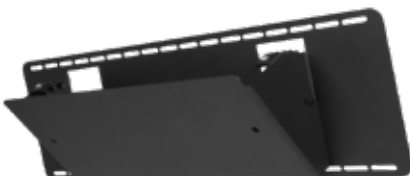Education Price: $55

BEAM Bracket—Vertical-Mount

• Enables the BEAM to stand on the a desk, table, or floor

Item Number: AC-3008
Education Price: $185

BEAM Bracket—Wall-Mount

• For mounting the BEAM to walls

Item Number: AC-3007
Education Price: $135

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Miscellaneous

Cable—50 ft Plenum Rated CAT6

• One 50 ft. plenum rated cable with CAT6 connectors on both ends

Item Number: AC-0106
Education Price: $45

Cable—Plenum Rated Gray CAT6

• One 3 ft. plenum rated cable with CAT6 connectors on both ends
• Recommended for MS-500 Amplifier (see pg. 15)

Item Number: AC-0125
Education Price: $8

Cable—Plenum Rated Green CAT6

• One 50 ft. plenum rated cable with CAT6 connectors on both ends
• Recommended for MS-500 Amplifier (see pg. 15)

Item Number: AC-0122
Education Price: $35

Cable—Plenum Rated Orange CAT6

• One 50 ft. plenum rated cable with CAT6 connectors on both ends
• Recommended for MS-500 Amplifier (see pg. 15)

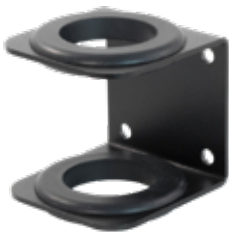Item Number: AC-0123
Education Price: $35

Miscellaneous

Cable—Plenum Rated Purple CAT6

- Plenum rated cable in varying sizes with CAT6 connectors on both ends
- Recommended for MS-500 Amplifier (see pg. 15)

Item Number: AC-0118 (3 ft.)
Education Price: $8

Item Number: AC-0117 (15 ft.)
Education Price: $15

Item Number: AC-0116 (35 ft.)
Education Price: $25

Item Number: AC-0115 (50 ft.)
Education Price: $33

Item Number: AC-0119 (100 ft.)
Education Price: $59

Cable—Plenum Rated White CAT6

- One 50 ft. plenum rated cable with CAT6 connectors on both ends
- Recommended for MS-500 Amplifier (see pg. 15)

Item Number: AC-0124
Education Price: $35

Cable—Plenum Rated Yellow CAT6

- One 50 ft. plenum rated cable with CAT6 connectors on both ends
- Recommended for MS-500 Amplifier (see pg. 15)

Item Number: AC-0121
Education Price: $35

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Miscellaneous

Dual Microphone Charger

• In-wall microphone charger that charges up to two IR microphones simultaneously

Item Number: IR-5011
Education Price: $40

Handheld Microphone Holder

• Designed to store the XD or IR Handheld Microphone
• Can be installed on walls, inside cabinets, or on a mobile cart
• Optional upgrade to a modified Handheld Microphone Cart Kit (3100-0661) comes with modified XD Handheld Microphone, charging cord, dual USB charger, 3.5 mm audio cable, and battery

Item Number: AC-2032
Education Price: $40

Hydra II Adapter

• Facilitates the upgrading of existing classroom sound systems to include wireless teacher and student microphones
• Powers the wireless microphones from the existing system using an innovative power "loop through" design
• Operates over wide voltage range – 12 to 24 VDC
• Interfaces directly with and receives power from existing Extron PoleVault® Systems
• Provides balanced and unbalanced outputs through this universal amplifier connector
• Includes audio patch cables compatible with 3.5 mm TRS and RCA inputs
• Includes hook and loop adhesive backed fasteners for easy attachment

Item Number: AC-2067
Education Price: $110

Miscellaneous

Non-Metallic AE Classroom Encl.

- 11.75" x 16.25" x 3.5" enclosure
- Eliminates the need for an A/V rack in the room
- Latching hinged lid keeps the gear safe and secure
- Ample ventilation
- Single gang knockout for optional wall plate
- Includes quick-locking cable system for fast installation

Item Number: AC-3000
Education Price: $100

Plenum-Rated Sensor Cable

- Upgraded from standard coaxial cable (RG-6) to plenum-rated coaxial cable terminated with F connectors

Item Number: AC-0019
Education Price: $63

Speaker Wire

- One 50 ft. speaker wire, 18 gauge, plenum rated

Item Number: AC-0003
Education Price: $23

Miscellaneous

USB to Micro USB Charging Cable

- Charging cable used with XD microphones

Item Number: XD-5021
Education Price: $4.60

Wall Mount Power Supply

- Power supply for CA-60 Amplifier

Item #	Description	Education Price
AC-1002	Power Supply, Wall Mount 24VDC 2A	$79.00
AC-1003	15', Plenum Power Cable	$14.00

WPA-03 CA-30A Wall Plate

- Provides for additional line input and line output that can be used for recording or Assistive Listening Device (ALD)
- Connects to the CA-30A amplifier
- Single CAT6 connection between Amplifier and wall plate

Item Number: NE-0003
Education Price: $140

Miscellaneous

XD Microphone Dual USB Charger

• Charges two XD Microphones simultaneously

Item Number: XD-5011
Education Price: $16

XD Microphone Lithium-Ion Battery

• Battery will stay charged all day long
• Replacement battery for XD Handheld Microphones and XD Teacher Microphones

Item Number: XD-5001
Education Price: $32

XDSolo Speaker Stand

• Tripod mount for XDSolo portable speaker system

Item Number: PA-0152
Education Price: $48

Warranty Quick Guide

Warranty Length	Equipment Covered
5 Years	Audio Enhancement amplifiers except MS-500, BEAM, XDSolo, microphones, chargers, speakers, power supplies, and most other classroom audio equipment
3 Years	MS-500, MS-300, EduCam360, EduCamPTZ, MS-1000, Audio Enhancement AV Components, EPIC System NUC
1 Year	All cabling and Audio Enhancement installs, general electronics, ITC-1, Mic360, WPA Wall Plates, Classroom Wall Box, Uninterrupted Power Supply, EPIC System Monitor and Paging Mic
90 Days	Batteries
Other	Audio Enhancement Servers and other 3rd party equipment may have varying warranties