

MODULAR

LOUDSPEAKERS

SOUND

PRICING

SYSTEMS

GUIDE

JANUARY 2010

BAG END LOUDSPEAKER SYSTEMS

Bag End loudspeaker systems are manufactured in the United States of America from the finest materials available and under the most demanding manufacturing precision possible. Our dedication to quality control in every step of the manufacturing process insures a final product that has an inherent deep down quality and long term performance characteristics.

ENCLOSURE DESCRIPTIONS

I - Installation Enclosures are manufactured with 13-ply birch plywood and finished with a black textured paint. No handles, corners or stand mount adapters are included.

R - Road Enclosures are manufactured with 13-ply birch plywood and covered with durable RO-TEX™ finish and includes handles and black coated steel grilles.

B - Birch Enclosures are manufactured with top grade 13-ply hardwood plywood and hand-oiled to a beautiful walnut finish and includes handles and black coated steel grilles.

D - Deep Red Carpet Enclosures are manufactured with 7-ply poplar plywood, covered with heavy-duty Deep Red™ carpet, and include protective corners, handles and black coated steel grilles.

O - Oak Veneer Enclosures are manufactured with medium-density fiberboard with beautiful oak hardwood laminate and a durable polyurethane finish. Includes a wooden frame with black cloth grille.

F - Floor Monitor Enclosures are available in either Oak, Birch, or RO-TEX finish.

CUSTOM OPTIONS

Custom options require longer delivery times and deposit with order. Options available include:

Black carpet covering

Custom rigging points

Weather resistant

Specialized input connectors

Unfinished enclosure

Custom paint color

Add, move or delete cabinet hardware

(e.g. handles, stand adapter, corners, grille)

WARRANTY

BAG END Modular Sound Systems, Inc. warrants all BAG END products against defects in material or workmanship from the date of purchase by the original purchaser from an authorized BAG END dealer, or from the date of manufacture, whichever is longer, as follows: Powered Loudspeaker Products - One year, Infra Processor Products - Two years, Non Powered professional and consumer Loudspeaker Products - Six years. If such malfunction occurs, units will be repaired or replaced (at our option) by BAG END without charge for materials or labor. This warranty is void if it is determined that the serial number has been removed, defaced or otherwise altered or if unauthorized parties have attempted repairs or alterations of any nature. Before assuming that a defect is present, be certain that all associated equipment is operating properly.

If a defect is present, your authorized BAG END dealer may be able to affect repairs. If not, you are responsible for providing transportation to the factory or the nearest authorized service center (your BAG END dealer can recommend the safest method of transportation). Warranty registration and proof of purchase is required when requesting service, so please retain your sales receipt.

For complete warranty information, please refer to the warranty card provided with each product.

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PROFESSIONAL SERIES LOUDSPEAKERS

GEM SERIES™ High Output Systems

OPAL

FEATURES:

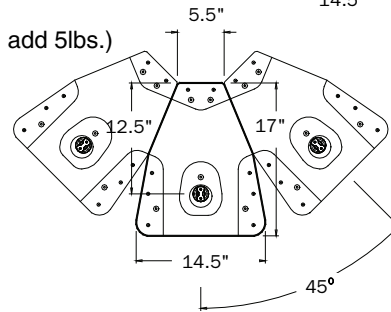
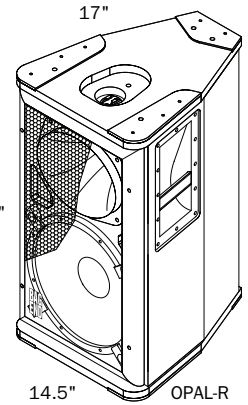
- Time-Aligned™ clarity
- High efficiency narrow dispersion
- Arrayable enclosures
- Integral fly points and stand adapter
- ATM™ flyware compatible
- Minima One self-powered option

APPLICATIONS:

- Auditorium sound reinforcement
- Church sound reinforcement
- Corporate AV presentations
- Nightclub applications
- Portable sound reinforcement

SPECIFICATIONS:

- Transducers: 12" cone
1.4" exit compression driver with waveguide
- Input connectors: Dual banana, 2-1/4" phone,
2-Neutrik Speakon NL4MP
(installation version: screw terminal)
- Impedance: 8 Ω
- Sensitivity: 100 dB SPL (1W @ 1m)
- Dispersion: 55° horizontal x 40° vertical (-6dB points)
- Power handling: 300 Watts continuous sine wave
1200 Watts instantaneous peak
- Dimensions: 25.5"h x 14.5"w x 17"d
- Weight: 77 lbs.
(for self-powered add 5lbs.)



Model		User
OPAL-I	Black Painted Installation Enclosure with Flying Points	\$2340
OPAL-R	RO-TEX Finish Portable Enclosure with Stand Adapter and Flying Points	\$2920
POPAL-I	Powered Black Painted Installation Enclosure with Flying Points	\$3240
POPAL-R	Powered RO-TEX Finish Portable Enclosure with Stand Adapter and Flying Points	\$3820

SAPPHIRE

FEATURES:

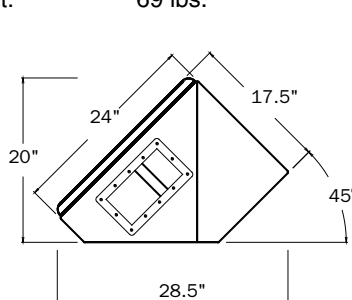
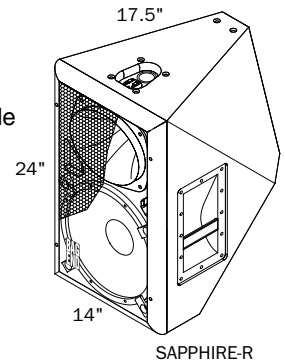
- Time-Aligned™ clarity
- High efficiency narrow dispersion
- Multi-angle arrayable enclosures
- Multi-use versatile applications
- Integral fly points and stand adapter
- ATM™ flyware compatible

APPLICATIONS:

- Stadium sound reinforcement
- Auditorium sound reinforcement
- Church sound reinforcement
- Corporate AV presentations
- Nightclub applications
- Portable sound reinforcement
- Live stage monitoring

SPECIFICATIONS:

- Transducers: 12" cone
1.4" exit compression driver with waveguide
- Input connectors: Dual banana, 2-1/4" phone,
2-Neutrik Speakon NL4MP
(installation version: screw terminal)
- Impedance: 8Ω
- Sensitivity: 100 dB SPL (1W @ 1m)
- Dispersion: 55° horizontal x 40° vertical (-6dB points)
- Power handling: 300 Watts continuous sine wave
1200 Watts instantaneous peak
- Dimensions: 24"h x 14"w x 17.5"d
- Weight: 69 lbs.



Model		User
SAPPHIRE-I	Black Painted Installation Enclosure with Flying Points	\$2400
SAPPHIRE-R	RO-TEX Finish Portable Enclosure with Stand Adapter and Flying Points	\$2630

CRYSTAL

FEATURES:

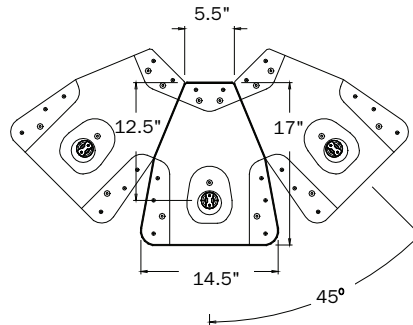
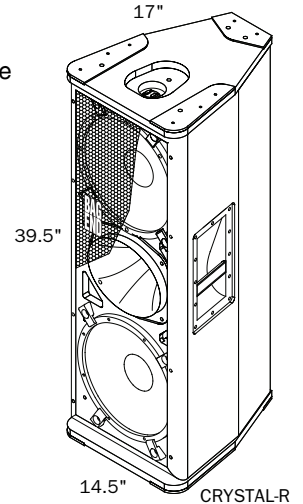
Time-Aligned™ clarity
 High efficiency narrow dispersion
 Arrayable enclosures
 Integral fly points and stand adapter
 ATM™ flyware compatible
 Minima One self powered option

APPLICATIONS:

Stadium sound reinforcement
 Auditorium sound reinforcement
 Church sound reinforcement
 Corporate AV presentations
 Nightclub applications
 Portable sound reinforcement

SPECIFICATIONS:

Transducers: 2-12" cone
 1.4" exit compression driver with waveguide
 Input connectors: Dual banana, 2-1/4" phone,
 2-Neutrik Speakon NL4MP
 (installation version: screw terminal)
 Impedance: 8 Ω
 Sensitivity: 103 dB SPL (1W @ 1m)
 Dispersion: 55° horizontal x 40° vertical (-6dB points)
 Power handling: 600 Watts continuous sine wave
 2400 Watts instantaneous peak
 Dimensions: 39.5"h x 14.5"w x 17"d
 Weight: 110 lbs. (for self-powered add 5lbs.)



Model		User
CRYSTAL-I	Black Painted Installation Enclosure with Flying Points	\$3360
CRYSTAL-R	RO-TEX Finish Portable Enclosure with Stand Adapter and Flying Points	\$3660
PCRYSTAL-I	Powered Black Painted Installation Enclosure with Flying Points	\$4260
PCRYSTAL-R	Powered RO-TEX Finish Portable Enclosure with Stand Adapter and Flying Points	\$4560

QUARTZ

FEATURES:

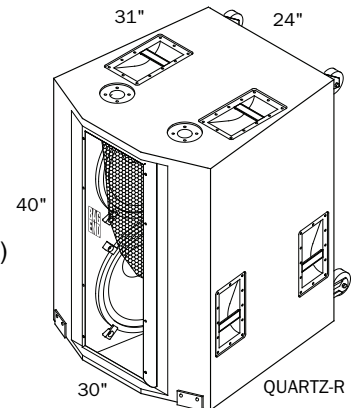
Extended low frequency response
 Low distortion
 High definition bass
 Compact enclosure
 Minima One self powered option
 (includes 2 Minima One modules)

APPLICATIONS:

Stadium sound reinforcement
 Auditorium sound reinforcement
 Church sound reinforcement
 Corporate AV presentations
 Nightclub applications
 Portable sound reinforcement

SPECIFICATIONS:

Transducers: 4-18" Extended low cone
 Input connectors: 2-Connector plates with 2-banana,
 2-Neutrik Speakon NL4MP
 Impedance: 2-4 Ω inputs
 Sensitivity: 99 dB SPL @ 45 Hz (1W @ 1m)
 Power handling: 1600 Watts continuous sine wave
 1600 Watts music program
 Dimensions: 40"h x (30" front 24" back)w x 31"d
 Weight: 237 lbs. (for self-powered add 10lbs.)



Model		User
QUARTZ-I	Black Painted Installation Enclosure	\$3980
QUARTZ-IF8	Black Painted Installation Enclosure with Flying Points	\$4180
QUARTZ-R	RO-TEX Finish Portable Road Version Enclosure with Stand Adapters	\$4190
PQUARTZ-I	Powered Black Painted Installation Enclosure	\$5540
PQUARTZ-IF8	Powered Black Painted Installation Enclosure with Flying Points	\$5740
PQUARTZ-R	Powered RO-TEX Finish Portable Road Version Enclosure with Stand Adapters	\$5750

Oiled Birch, Black Carpet, White Painted Finish, Weather Resistant Finish and Unfinished Available.

TA SERIES™ Full Range System

AF1A™

FEATURES:

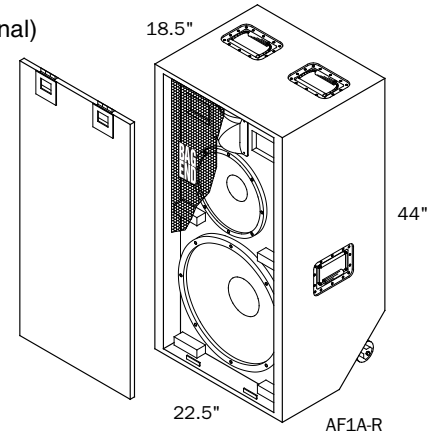
Time-Aligned™ clarity
 High efficiency wide dispersion
 Minima One self powered option

APPLICATIONS:

Auditorium sound reinforcement
 Vocal reinforcement
 Church sound reinforcement
 Side fill monitor
 DJ systems

SPECIFICATIONS:

Transducers: 18" bass cone, 12" mid cone
 1" exit compression driver with horn
 Input connectors: Dual banana, 2-1/4" phone,
 2-Neutrik Speakon NL4MP
 (installation version: screw terminal)
 Impedance: 4 Ω
 Sensitivity: 101 dB SPL (1W @ 1m)
 Dispersion: 80°h x 60°v (-6dB points)
 Power handling: 300 Watts continuous sine wave
 (below 125 Hz)
 1200 Watts instantaneous peak
 (below 125Hz)
 200 Watts continuous sine wave
 (above 125 Hz)
 800 Watts instantaneous peak
 (above 125 Hz)
 Dimensions: 44"h x 22.5"w x 18.5"d
 Weight: R-143 lbs. I-124 lbs.
 (for self-powered add 5lbs.)



Model		User
AF1A-I	Black Painted Installation Enclosure with Flying Points	\$2025
AF1A-R	RO-TEX Finish Portable Enclosure with Casters and Front Cover	\$2320
PAF1A-I	Powered Black Painted Installation Enclosure with Flying Points	\$2925
PAF1A-R	Powered RO-TEX Finish Portable Enclosure with Casters and Front Cover	\$3220

TA1200™

FEATURES:

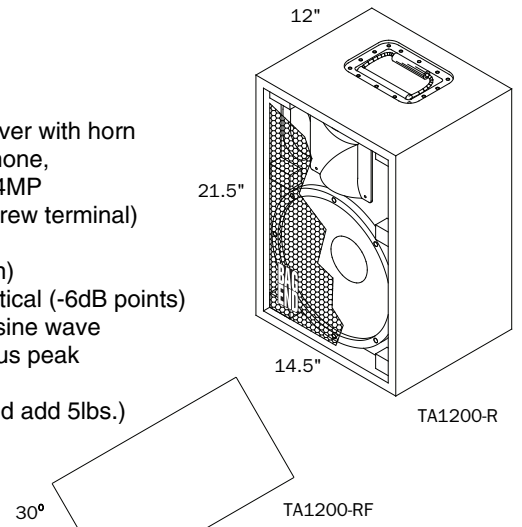
Time-Aligned™ clarity
 High efficiency wide dispersion
 Rectangular / floor monitor cabinet
 Minima One self powered option

APPLICATIONS:

Portable auditorium PA
 Electronic keyboards
 Acoustic instruments
 Portable DJ systems
 Church sound reinforcement
 Corporate AV presentation

SPECIFICATIONS:

Transducers: 12" bass/mid cone
 1" exit compression driver with horn
 Input connectors: Dual banana, 2-1/4" phone,
 2-Neutrik Speakon NL4MP
 (installation version: screw terminal)
 Impedance: 8 Ω
 Sensitivity: 101 dB SPL (1W @ 1m)
 Dispersion: 80° horizontal x 60° vertical (-6dB points)
 Power handling: 200 Watts continuous sine wave
 800 Watts instantaneous peak
 Dimensions: 21.5"h x 14.5"w x 12"d
 Weight: 40 lbs. (for self-powered add 5lbs.)



Model		User
TA1200-I	Black Painted Installation Enclosure with Flying Points	\$ 850
TA1200-R	RO-TEX Finish Portable Enclosure with Stand Adapter	\$ 800
TA1200-RF	RO-TEX Finish Portable Floor Monitor Enclosure	\$ 800
TA1200-O	Oak Veneer Enclosure	\$1030
TA1200-OF	Oak Veneer Floor Monitor Enclosure	\$1030
TA1200-B	Oiled Birch Portable Enclosure with Stand Adapter	\$ 945
TA1200-BF	Oiled Birch Portable Floor Monitor Enclosure	\$ 945
PTA1200-I	Powered Black Painted Installation Enclosure with Flying Points	\$1750
PTA1200-R	Powered RO-TEX Finish Portable Enclosure with Stand Adapter	\$1700
PTA1200-RF	Powered RO-TEX Finish Portable Floor Monitor Enclosure	\$1700

Oiled Birch, Black Carpet, White Painted Finish, Weather Resistant Finish and Unfinished Available.

TA2000™

FEATURES:

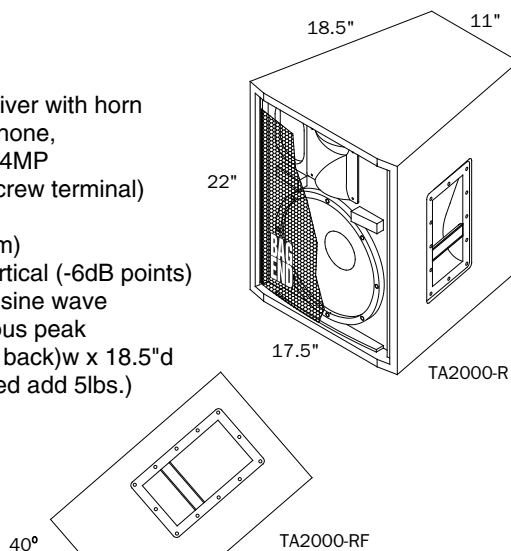
Time-Aligned™ clarity
 High efficiency wide dispersion
 Trapezoidal / floor monitor cabinet
 Minima One self powered option

APPLICATIONS:

Portable auditorium PA
 Electronic keyboards
 Acoustic instruments
 Portable DJ systems
 Church sound reinforcement
 Corporate AV presentation

SPECIFICATIONS:

Transducers: 12" bass/mid cone
 1" exit compression driver with horn
 Input connectors: Dual banana, 2-1/4" phone,
 2-Neutrik Speakon NL4MP
 (installation version: screw terminal)
 Impedance: 8 Ω
 Sensitivity: 101 dB SPL (1W @ 1m)
 Dispersion: 80° horizontal x 60° vertical (-6dB points)
 Power handling: 200 Watts continuous sine wave
 800 Watts instantaneous peak
 Dimensions: 22"h x (17.5" front 11" back)w x 18.5"d
 Weight: 53 lbs. (for self-powered add 5lbs.)



Model

Model		User
TA2000-I	Black Painted Installation Enclosure with Flying Points	\$1080
TA2000-R	RO-TEX Finish Portable Enclosure with Stand Adapter	\$ 925
TA2000-RF	RO-TEX Finish Portable Floor Monitor with Stand Adapter	\$ 925
PTA2000-I	Powered Black Painted Installation Enclosure with Flying Points	\$1980
PTA2000-R	Powered RO-TEX Finish Portable Enclosure with Stand Adapter	\$1825
PTA2000-RF	Powered RO-TEX Finish Portable Floor Monitor with Stand Adapter	\$1825

TA5000™

FEATURES:

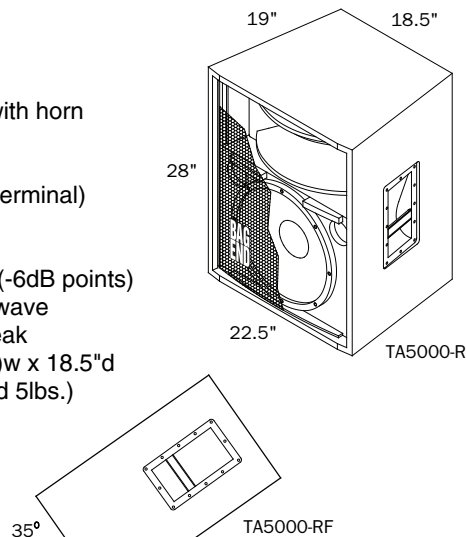
Time-Aligned™ clarity
 High efficiency medium throw
 Trapezoidal / floor monitor cabinet
 Minima One self powered option

APPLICATIONS:

Portable auditorium PA
 Electronic keyboards
 Acoustic Instruments
 Drum monitor
 Church sound reinforcement
 Corporate AV presentation

SPECIFICATIONS:

Transducers: 15" bass/mid cone
 1" exit compression driver with horn
 Input connectors: Dual banana, 2-1/4" phone,
 2-Neutrik Speakon NL4MP
 (installation version: screw terminal)
 Impedance: 8 Ω
 Sensitivity: 101 dB SPL (1W @ 1m)
 Dispersion: 90° horizontal x 40° vertical (-6dB points)
 Power handling: 200 Watts continuous sine wave
 800 Watts instantaneous peak
 Dimensions: 28"h x (22.5" front 18" back)w x 18.5"d
 Weight: 70 lbs. (for self-powered add 5lbs.)



Model

Model		User
TA5000-I	Black Painted Installation Enclosure with Flying Points	\$1425
TA5000-R	RO-TEX Finish Portable Enclosure with Stand Adapter	\$1280
TA5000-RF	RO-TEX Finish Portable Floor Monitor Enclosure	\$1280
PTA5000-I	Powered Black Painted Installation Enclosure with Flying Points	\$2325
PTA5000-R	Powered RO-TEX Finish Portable Enclosure with Stand Adapter	\$2180

Oiled Birch, Black Carpet, White Painted Finish, Weather Resistant Finish and Unfinished Available.

TA6000™

FEATURES:

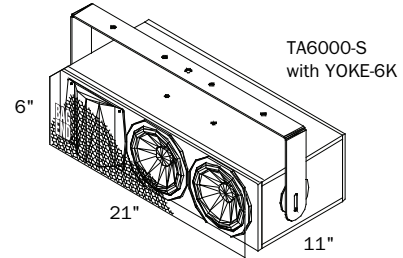
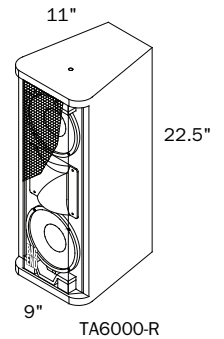
Time-Aligned™ clarity
 High efficiency medium throw
 Trapezoidal cabinet

APPLICATIONS:

Portable auditorium PA
 Portable DJ systems
 Church sound reinforcement
 Under balcony reinforcement
 Acoustic instruments
 Foreground music systems
 Corporate AV presentations

SPECIFICATIONS:

Transducers: 2-6.5" cone
 1" exit compression driver with horn
 Input connectors: Dual banana, 2-1/4" phone,
 2-Neutrik Speakon NL4MP
 (installation version: screw terminal)
 Impedance: 8 Ω
 Sensitivity: 95 dB SPL (1W @ 1m)
 Dispersion: 80° horizontal x 60° vertical (-6dB points)
 Power handling: 150 Watts continuous sine wave
 600 Watts instantaneous peak
 Dimensions: 22.5"h x 9"w x 11"d
 Weight: 27 lbs.

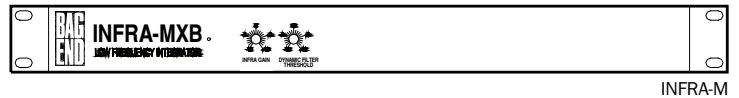


Model		User
TA6000-I	Black Painted Installation Enclosure with Flying Points	\$ 750
TA6000-R	RO-TEX Finish Portable Enclosure with Stand Adapter	\$ 790
TA6000-S	Black Painted 6"h Horizontally Oriented Installation Enclosure with Flying Points	\$ 790
YOKE-6K	Fixed width U-bracket up to 60 lbs.	\$ 110
BRKT-1	Pan and tilt mount up to 60 lbs.	\$ 150

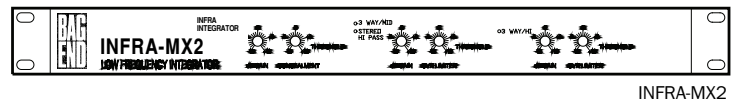
Low Frequency Processors

INFRA™ PROCESSORS

The **INFRA-MXB** offers stereo inputs and mono sum INFRA outputs with response down to 18 Hertz. Includes stereo hi-pass filters preset for most applications which are also internally changeable via plug-in resistors. May be ordered with 8 Hertz response.

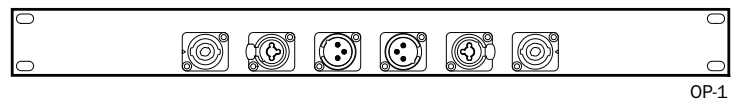


The **INFRA-MX2** provides the same features as the **INFRA-M** with the addition of a stereo CVR™ limiter on the hi-pass section.



The **INFRA-M** and **INFRA-MX2** come with the **MPS-120** 12Vdc wall mount power supply when sold within the USA.

The **OP-1** provides easy rack connection for the inputs and speaker outputs in a bi-amped INFRA system.



The **ASM-RCA** provides balanced XLR adapters to unbalanced RCA connectors allow INFRA processors to be properly interfaced into unbalanced applications.

Model		User
INFRA-MXB	Mono INFRA Processor with Stereo Hi-pass	\$1040
INFRA-MX2	Mono INFRA Processor with Stereo Hi-pass and CVR™ Limiter	\$1180
OP-1	Line & Speaker In/Out Panel	\$ 270
ASM-RCA	Adapter set INFRA-MX2 to RCA Female	\$ 140

Oiled Birch, Black Carpet, White Painted Finish, Weather Resistant Finish and Unfinished Available.

Self-Powered - Amplifier Module

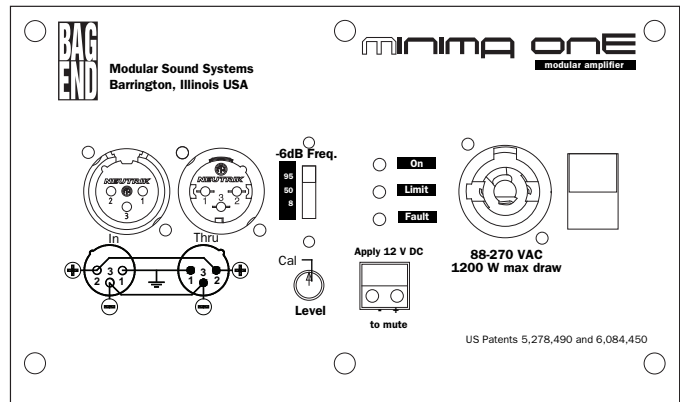
MINIMA ONE

FEATURES:

- Universal AC Line Input Voltage with Automatic Selection Thermal Protection
- 1000 Watts
- Full Bandwidth
- Very Low Distortion
- Balanced Input and Output
- Limit and Fault LED Indicator
- Adds 6 pounds to system

Minima One amplifier is a high fidelity, high efficiency 1000 Watt amplifier module. Its light weight and low heat output make it ideal for both portable and permanent installations.

The Minima One is available in most Bag End loudspeaker models providing a self-powered system option. Each loudspeaker system is individually adjusted for the correct maximum power and protection settings insuring a reliable hi performance total powered loudspeaker solution.



Model		User
MO-1	Minima One Power Amplifier Module	\$ 880

10" SUBWOOFER SYSTEMS

FEATURES:

- Extended low frequency response
- Low distortion
- High definition bass
- Compact enclosure
- Minima One self powered option

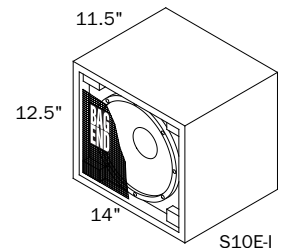
APPLICATIONS:

- Auditorium sound reinforcement
- Low frequency effects system
- Church sound reinforcement
- Recording studio monitor
- Film post production monitor
- High fidelity playback

SPECIFICATIONS:

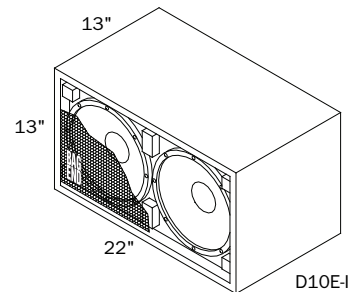
S10E

- Transducer: 10" Extended low cone
- Input connectors: Screw terminal
- Impedance: 8 Ω
- Sensitivity: 89 dB SPL @ 80 Hz (1W @ 1m)
- Power handling: 200 Watts continuous sine wave
200 Watts music program
- Dimensions: 12.5"h x 14"w x 11.5"d
- Weight: 25 lbs.



D10E

- Transducers: 2-10" Extended low cone
 - Input connectors: Screw terminal
 - Impedance: 4 Ω
 - Sensitivity: 92 dB SPL @ 80 Hz (1W @ 1m)
 - Power handling: 400 Watts continuous sine wave
400 Watts music program
 - Dimensions: 13"h x 22"w x 13"d
 - Weight: 44 lbs. (for self-powered add 5lbs.)
- Low Profile 6.75"h x 30.25"w x 24.25"d**



Model		User
S10E-I	Black Painted Single 10 Installation Enclosure	\$ 525
D10E-I	Black Painted Double 10 Installation Enclosure	\$ 880
D10E-R	RO-TEX Finish Double 10 Portable Enclosure	\$ 940
D10E-DA	Black Painted Low Profile Double 10 Installation Enclosure	\$1115
PD10E-I	Powered Black Painted Double 10 Installation Enclosure	\$1780
PD10E-R	Powered RO-TEX Finish Double 10 Portable Enclosure	\$1840

Oiled Birch, Black Carpet, White Painted Finish, Weather Resistant Finish and Unfinished Available.

12" SUBWOOFER SYSTEMS

FEATURES:

- Extended low frequency response
- Low distortion
- High definition bass
- Compact enclosure
- Minima One self powered option

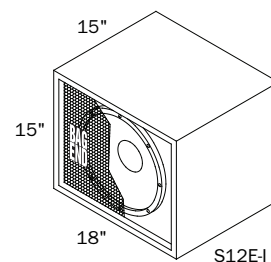
APPLICATIONS:

- Auditorium sound reinforcement
- Low frequency effects system
- Church sound reinforcement
- Recording studio monitor
- Film post production monitor
- High fidelity playback

SPECIFICATIONS:

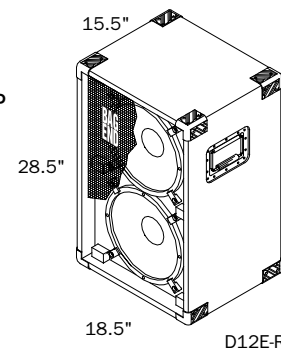
S12E

- Transducer: 12" Extended low cone
- Input connectors: Screw terminal
- Impedance: 8 Ω
- Sensitivity: 92 dB SPL @ 80 Hz (1W @ 1m)
- Power handling: 200 Watts continuous sine wave
200 Watts music program
- Dimensions: 15"h x 18"w x 15"d
- Weight: 39 lbs. (for self-powered add 5lbs.)



D12E

- Transducers: 2-12" Extended low cone
- Input connectors: Dual banana, 2-Neutrik Speakon NL4MP (installation version: screw terminal)
- Impedance: 4 Ω
- Sensitivity: 95 dB SPL @ 80 Hz (1W @ 1m)
- Power handling: 400 Watts continuous sine wave
400 Watts music program
- Dimensions: 28.5"h x 18.5"w x 15.5"d
Low Profile 9.125"h x 27"w x 36"d
- Weight: 74 lbs. (for self-powered add 5lbs.)

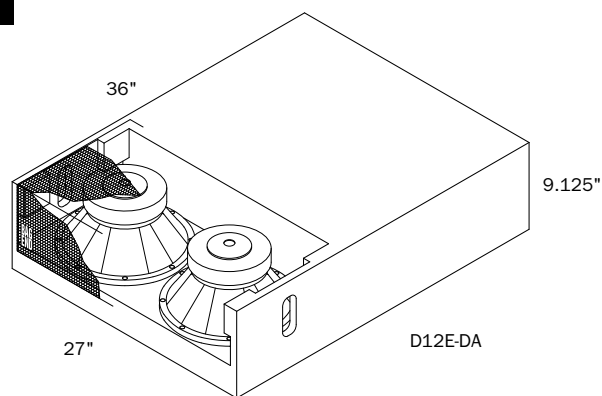


Model		User
IDS12-I	Powered & INFRA Processed Single 12 Subwoofer	\$1200
S12E-I	Black Painted Single 12 Installation Enclosure	\$ 640
S12E-R	RO-TEX Finish Single 12 Portable Enclosure	\$ 690
D12E-I	Black Painted Double 12 Installation Enclosure	\$ 995
D12E-R	RO-TEX Finish Double 12 Portable Enclosure with Stand Adapter	\$1020
D12E-DA	Black Painted Low Profile Double 12 Installation Enclosure	\$1240
PS12E-I	Powered Black Painted Single 12 Installation Enclosure	\$1540
PS12E-R	Powered RO-TEX Finish Single 12 Portable Enclosure	\$1590
PD12E-I	Powered Black Painted Double 12 Installation Enclosure	\$1895
PD12E-R	Powered RO-TEX Finish Double 12 Portable Enclosure with Stand Adapter	\$1920
PD12E-DA	Powered Black Painted Low Profile Double 12 Installation Enclosure	\$2140

LOW PROFILE SUBWOOFER SYSTEMS

Low profile subwoofer systems offer the same performance and sound quality well known in our standard subwoofer systems but with a re-proportion enclosure allowing for installation into tight spaces. Often the best location for a subwoofer does not offer adequate space. The low profile approach provides additional options in physical placement of the subwoofer systems.

With the low profile approach you can install the systems under low stages or tight up against walls or ceilings. By making the depth greater the internal volume of the cabinet is maintained along with its performance.



Model		User
D10E-DA	Black Painted Low Profile Double 10 Installation Enclosure	\$1115
D12E-DA	Black Painted Low Profile Double 12 Installation Enclosure	\$1240
PD12E-DA	Powered Black Painted Low Profile Double 12 Installation Enclosure	\$2140
S18E-AD	Black Painted Low Profile Single 18 Enclosure	\$1345
D18E-AD	Black Painted Low Profile Double 18 Installation Enclosure	\$2560
PS18E-AD	Powered Black Painted Low Profile Single 18 Installation Enclosure	\$2245
PD18E-AD	Powered Black Painted Low Profile Double 18 Enclosure	\$3460

18" SUBWOOFER SYSTEMS

FEATURES:

Extended low frequency response
 Low distortion
 High definition bass
 Compact enclosure
 Minima One self powered option

APPLICATIONS:

Auditorium sound reinforcement
 Low frequency effects system
 Church sound reinforcement
 Recording studio monitor
 Film post production monitoring
 Hi fidelity playback

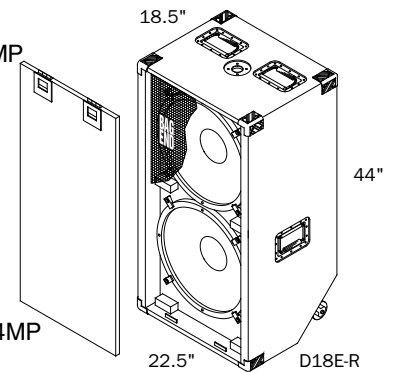
SPECIFICATIONS:

S18E

Transducer: 18" Extended low cone
 Input connectors: Dual banana, 2-Neutrik Speakon NL4MP
 Impedance: 8 Ω
 Sensitivity: 96 dB SPL @ 80 Hz (1W @ 1m)
 Power handling: 400 Watts continuous sine wave
 400 Watts music program
 Dimensions: 22"h x 22.5"w x 18.5"d
Low Profile 15"h x 22"w x 28"d
 Weight: 69 lbs. (for self-powered add 5lbs.)

D18E

Transducers: 2-18" Extended low cone
 Input connectors: Dual banana, 2-Neutrik Speakon NL4MP
 Impedance: 4 Ω
 Sensitivity: 100 dB SPL @ 80 Hz (1W @ 1m)
 Power handling: 800 Watts continuous sine wave
 800 Watts music program
 Dimensions: 44"h x 22.5"w x 18.5"d
Low Profile 15"h x 38"w x 30"d
 Weight: 140 lbs. (for self-powered add 5lbs.)



Model		User
S18E-I	Black Painted Single 18 Installation Enclosure	\$ 995
S18E-IF4	Black Painted Single 18 Installation Enclosure with Flying Points	\$1100
S18E-R	RO-TEX Finish Single 18 Portable Enclosure with Stand Adapter	\$1050
S18E-AD	Black Painted Low Profile Single 18 Enclosure	\$1345
D18E-I	Black Painted Double 18 Installation Enclosure	\$1965
D18E-IF6	Black Painted Double 18 Installation Enclosure with Flying Points	\$2120
D18E-R	RO-TEX Finish Double 18 Portable Enclosure with Casters and Front Cover	\$2395
D18E-AD	Black Painted Low Profile Double 18 Installation Enclosure	\$2560
PS18E-I	Powered Black Painted Single 18 Installation Enclosure	\$1895
PS18E-IF4	Powered Black Painted Single 18 Installation Enclosure with Flying Points	\$2000
PS18E-R	Powered RO-TEX Finish Single 18 Portable Enclosure with Stand Adapter	\$1930
PS18E-AD	Powered Black Painted Low Profile Single 18 Installation Enclosure	\$2245
PD18E-I	Powered Black Painted Double 18 Installation Enclosure	\$2865
PD18E-IF6	Powered Black Painted Double 18 Installation Enclosure with Flying Points	\$3020
PD18E-R	Powered RO-TEX Finish Double 18 Portable Enclosure with Casters	\$3060
PD18E-AD	Powered Black Painted Low Profile Double 18 Enclosure	\$3460

21" SUBWOOFER SYSTEMS

FEATURES:

Extended low frequency response
 Low distortion
 High definition bass
 Compact enclosure
 Minima One self powered option

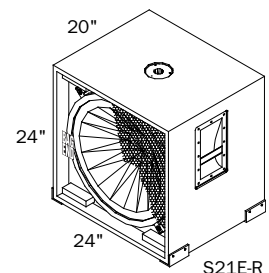
APPLICATIONS:

Auditorium sound reinforcement
 Low frequency effects system
 Church sound reinforcement
 Recording studio monitor
 Film post production monitoring
 Hi fidelity playback

SPECIFICATIONS:

S21E

Transducer: 21" Extended low cone
 Input connectors: Dual banana, 2-Neutrik Speakon NL4MP
 Impedance: 8 Ω
 Sensitivity: 99 dB SPL @ 80 Hz (1W @ 1m)
 Power handling: 800 Watts continuous sine wave
 800 Watts music program
 Dimensions: 24.5"h x 24.5"w x 20.5"d
 Weight: 81 lbs. (for self-powered add 5lbs.)



Model		User
S21E-I	Black Painted Single 21 Installation Enclosure	\$2125
S21E-R	RO-TEX Finish Single 21 Portable Enclosure with Stand Adapter	\$2185
PS21E-I	Powered Black Painted Single 21 Installation Enclosure	\$3020
PS21E-R	Powered RO-TEX Finish Single 21 Portable Enclosure with Stand Adapter	\$3085

Oiled Birch, Black Carpet, White Painted Finish, Weather Resistant Finish and Unfinished Available.

STUDIO SYSTEMS

FEATURES:

Self Powered
Time-Aligned™ clarity
Coax design
Uniform dispersion
Low distortion

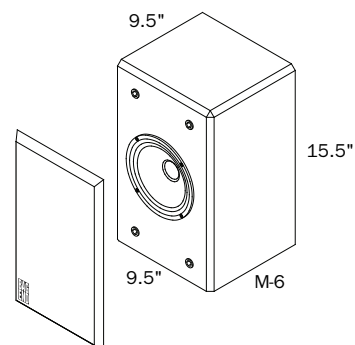
APPLICATIONS:

Recording studio Nearfield Monitor™

SPECIFICATIONS:

PM-6

Transducer: 6" cone, 1" tweeter
Input: Balanced XLR
Input Impedance: 10 kΩ
Power: 100 Watts continuous
Dimensions: 15.5"h x 9.5"w x 9.5"d
Weight: 22 lbs.



FEATURES:

Self-Powered option
Time-Aligned™ clarity
Coax design
Uniform dispersion
Low distortion
Polarity switch
Listening mode switch

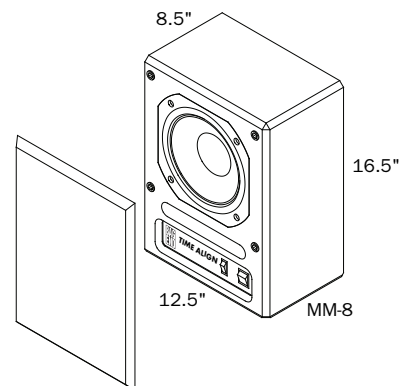
APPLICATIONS:

Recording studio Nearfield Monitor™
Nearfield Monitor™
Distant full room monitor
Surround monitoring

SPECIFICATIONS:

MM-8

Transducer: 8" Extended low cone
Input connectors: 5-way binding posts
Impedance: 8 Ω
Sensitivity: 93 dB SPL (1W @ 1m)
Power handling: 150 Watts continuous sine wave
600 Watts music program
Dimensions: 16.5"h x 12.5"w x 8.5"d
Weight: 28 lbs.



FEATURES:

Extended low frequency technology
Response down to 8 Hertz
Built-in bass management
5.1 Inputs and outputs

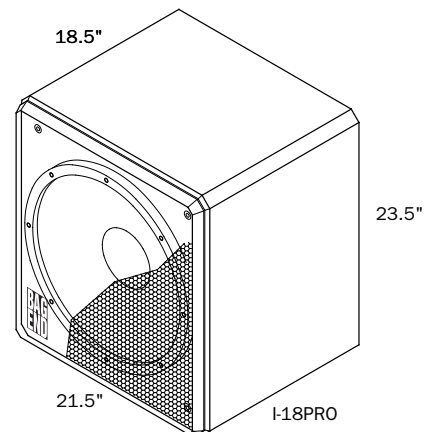
APPLICATIONS:

Recording studio bass monitor
Surround low frequency effects

SPECIFICATIONS:

INFRASUB-PRO

Transducer: 12" or 18" Extended low cone
Inputs: 6 XLR connectors
Outputs: 5 High pass XLR
Freq. Response: ±3 dB 8 Hz to 95 Hz
(2Ω Steradians)
Amplifier power: 400 Watts continuous
Dimensions 12": 15.5"h x 18"w x 16"d
Dimensions 18": 23.5"h x 21.5"w x 18.5"d
Weight: 12" - 56 lbs. 18" - 91 lbs.



FEATURES:

The E-Trap offers a precise tool to attack the very worst problems with a high degree of effectiveness in a fraction of the space occupied by passive bass traps. A practical low cost solution to existing rooms where problems are present and room re-design or large passive absorbers are not an option.

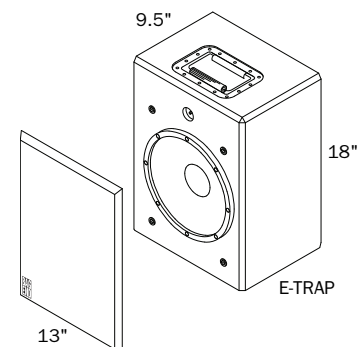
APPLICATIONS:

Recording Studios, Control Rooms, Home Theaters

SPECIFICATIONS:

E-TRAP

Enclosure: 13-ply birch plywood
black textured paint finish
Freq. Range: 20-65 Hz
Grille: Black cloth
Dimensions: 18"h x 13"w x 9.5"d
Weight: 33 lbs.



Model

PM-6	Powered Black Painted Enclosure, 6.5" Time Aligned™ Coaxial System	
MM-8	Black Painted Time-Aligned™ Studio Nearfield Monitor™	
BRKT-1	Wall Bracket for Mounting MM-8 or M-6	
ID-12S	Powered & INFRA Processed Single 12, 2.1 Subwoofer	
ID-12PRO	Powered & INFRA Processed Single 12, 5.1 Subwoofer	
ID-18PRO	Powered & INFRA Processed Single 18, 5.1 Subwoofer	
E-TRAP	Tunable Electronic Bass Trap	

User

\$ 900
\$1380
\$ 150
\$1200
\$2080
\$2130
\$1598

Oiled Birch, Black Carpet, White Painted Finish, Weather Resistant Finish and Unfinished Available.

RESIDENTIAL LOUDSPEAKER SYSTEMS

HOME THEATER

FEATURES:

Time-Aligned™ clarity
Coax design
Uniform dispersion

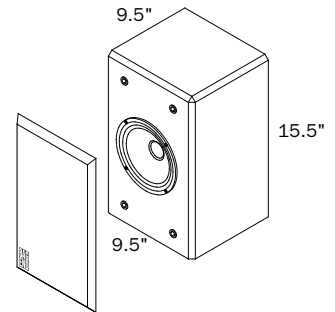
APPLICATIONS:

2 Channel stereo listening
Front speakers in surround system
Front and rear surround speakers

SPECIFICATIONS:

M-6

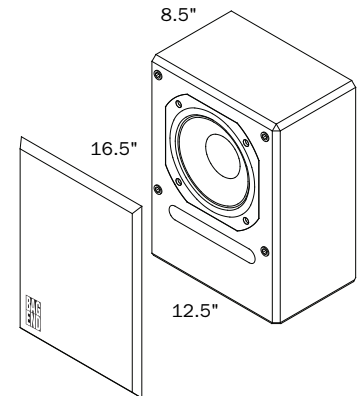
Transducer: 6.5" cone, 1" tweeter
Input connectors: 5-way binding posts
Impedance: 8 Ω
Sensitivity: 87 dB SPL (1W @ 1m)
Power: 100 Watts music program
Dimensions: 15.5"h x 9.5"w x 9.5"d
Weight: 20 lbs.



SPECIFICATIONS:

MM-8H

Transducer: 8" cone, 1" compression driver
Input connectors: 5-way binding posts
Impedance: 8 Ω
Sensitivity: 93 dB SPL (1W @ 1m)
Power handling: 150 Watts continuous sine wave
600 Watts music program
Dimensions: 16.5"h x 12.5"w x 8.5"d
Weight: 28 lbs.



FEATURES:

Mounts in standard wall construction
Coax design
Uniform dispersion

APPLICATIONS:

Front speakers in surround system
Front and rear surround speakers

SPECIFICATIONS:

W-6.5

Transducer: 6.5" cone, 1" tweeter
Input connectors: screw terminals
Impedance: 8 Ω
Sensitivity: 87 dB SPL (1W @ 1m)
Power: 100 Watts music program
Dimensions: 25"h x 13.5"w x 3.5"d
Weight: 20 lbs.

FEATURES:

Extended low frequency technology
Response down to 8 Hertz
3 Channel hi pass

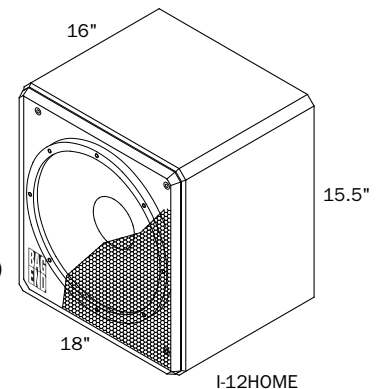
APPLICATIONS:

Stereo bass extension
Surround sound low frequency effects

SPECIFICATIONS:

INFRASUB-HOME

Transducer: 12" or 18" Extended low cone
Connectors: RCA
Freq. Response: ±3 dB 8 Hz to 95 Hz (2 Ω Steradians)
Amplifier power: 400 Watts continuous sine wave
Dimensions 12": 15.5"h x 18"w x 16"d
Dimensions 18": 23.5"h x 21.5"w x 18.5"d
Weight: 12" - 56 lbs. 18" - 91 lbs.



Model

User

We recommend using the same full-range speakers for the left center and right locations. The in-wall W-6.5 speaker can be used in conjunction with any front speaker with good results. While the Infrasub powered subwoofer series offers convenience, the professional series component subwoofer systems offers additional features for a more elaborate residential system.

M-6	Black Painted Enclosure, 6.5" Time Aligned Coaxial System	\$ 660
W-6.5	In-Wall 6.5" Coaxial Surround Speaker System	\$ 650
MM-8H	Black Painted Enclosure, 8" Time Aligned Coaxial System	\$1280
ID-12HOME*	Powered & INFRA Processed Single 12, Subwoofer	\$1780
ID-18HOME*	Powered & INFRA Processed Single 18, Subwoofer	\$1860

* Call for the availability of wood finishes

MUSICAL INSTRUMENT LOUDSPEAKER

Guitar and Bass Instrument Loudspeaker Systems

10" SYSTEMS

FEATURES:

Compact design
High efficiency
Solid hardwood plywood construction
Minima One self-powered option

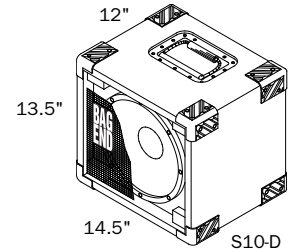
APPLICATIONS:

Electric bass guitar
Acoustic bass
Electric guitar
Chapman Stick™

SPECIFICATIONS:

S10

Transducers: 10" cone
Input connectors: Dual banana, 2-1/4" phone
Impedance: 8 Ω
Power handling: 200 Watts continuous sine wave
800 Watts instantaneous peak
Dimensions: 13.5"h x 14.5"w x 12"d
Weight: 27 lbs.

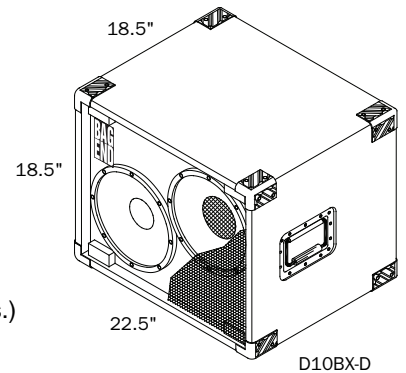


S10X

Transducers: 10" cone, coaxial AX-HI drive
Input connectors: Dual banana, 2 1/4" phone, 2 Neutrik Speakon NL4MP
Impedance: 8 Ω
Power handling: 200 Watts continuous sine wave
800 Watts instantaneous peak
Dimensions: 13.5"h x 14.5"w x 12"d
Weight: 33 lbs.

D10BX

Transducers: 2-10" cones, coaxial AX-HI drive
Input connectors: Dual banana, 2 1/4" phone, 2 Neutrik Speakon NL4MP
Impedance: 4 Ω
Power handling: 400 Watts continuous sine wave
1600 Watts instantaneous peak
Dimensions: 18.5"h x 22.5"w x 18.5"d
Weight: 70 lbs. (for self-powered add 5lbs.)

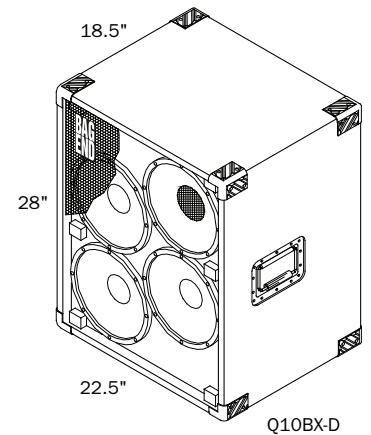


D10E

Transducers: 2-10" infra-cones,
Input connectors: Dual banana, 2 1/4" phone, 2 Neutrik Speakon NL4MP
Impedance: 4 Ω
Power handling: 400 Watts continuous sine wave
1600 Watts instantaneous peak
Dimensions: 13"h x 22"w x 13"d
Weight: 44 lbs. (for self-powered add 5lbs.)

Q10BX

Transducers: 4-10" cones, coaxial AX-HI drive
Input connectors: Dual banana, 2-1/4" phone, 2-Neutrik Speakon NL4MP
Impedance: 8 Ω
Power handling: 800 Watts continuous sine wave
3200 Watts instantaneous peak
Dimensions: 28"h x 22.5"w x 18.5"d
Weight: 96 lbs. (for self-powered add 5lbs.)



Model		User
S10-D	Deep Red Carpet Compact Single 10 Enclosure	\$ 410
S10X-D	Deep Red Carpet Compact Single 10 Enclosure with AX-HI Drive	\$ 640
D10E-D	Deep Red Carpet Double 10 Enclosure	\$ 990
D10BX-D	Deep Red Carpet Low Bass Double 10 with AX-HI Drive	\$1045
Q10BX-D	Deep Red Carpet Low Bass Quad 10 with AX-HI Drive Enclosure	\$1345
PD10BX-D	Powered Deep Red Carpet Low Bass Double 10 with AX-HI Drive Enclosure	\$1945
PD10E-D	Powered Deep Red Carpet Double 10 Enclosure	\$1890
PQ10BX-D	Powered Deep Red Carpet Low Bass Quad 10 Enclosure with AX-HI Drive	\$2245

Oiled Birch, Black Carpet, White Painted Finish, Weather Resistant Finish and Unfinished Available.

12" SYSTEMS

FEATURES:

Compact design
High efficiency
Solid hardwood plywood construction
Minima One self-powered option

APPLICATIONS:

Electric bass guitar
Acoustic bass
Electric guitar
Chapman Stick™

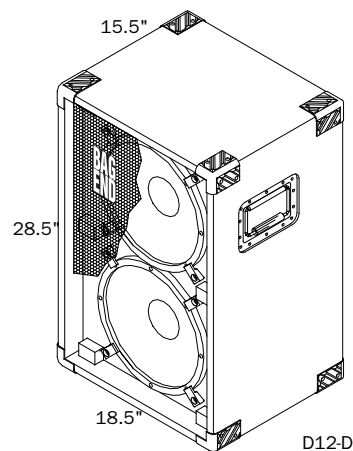
SPECIFICATIONS:

S12

Transducer: 12" cone
Input connectors: Dual banana, 2-1/4" phone
Impedance: 8 Ω
Power handling: 200 Watts continuous sine wave
800 Watts instantaneous peak
Dimensions: 15.5"h x 18.5"w x 15.5"d
Weight: 41 lbs. (for self-powered add 5lbs.)

D12

Transducers: 2-12" cones
Input connectors: Dual banana, 2-1/4" phone
Impedance: 4 Ω
Power handling: 400 Watts continuous sine wave
1600 Watts instantaneous peak
Dimensions: 28.5"h x 18.5"w x 15.5"d
Weight: 77 lbs. (for self-powered add 5lbs.)



Model		User
S12-D	Deep Red Carpet Single 12 Enclosure	\$ 545
S12-B	Oiled Birch Single 12 Enclosure	\$ 705
D12-D	Deep Red Carpet Double 12 Enclosure	\$ 960
D12-B	Oiled Birch Double 12 Enclosure	\$1200
PS12-D	Powered Deep Red Carpet Single 12 Enclosure	\$1420
PD12-D	Powered Deep Red Carpet Double 12 Enclosure	\$1812

15" SYSTEMS

FEATURES:

Compact design
High efficiency
Solid hardwood plywood construction
Minima One self-powered option

APPLICATIONS:

Electric bass guitar
Acoustic bass
Chapman Stick™

SPECIFICATIONS:

S15

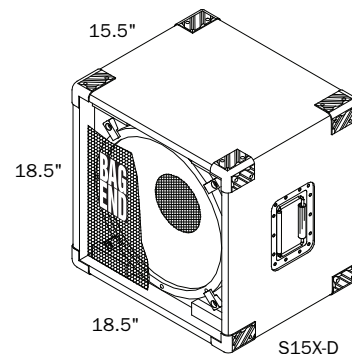
Transducer: 15" cone
Input Connectors: Dual Banana 2-1/4" phone
Impedance: 8 Ω
Power Handling: 200 Watts continuous sine wave
800 Watts instantaneous peak
Dimensions: 18.5"h x 18.5"w x 15.5"d
Weight: 44 lbs. (for self-powered add 5lbs.)

S15X

Transducer: 15" cone, coaxial AX-HI drive
Input Connectors: Dual Banana 2-1/4" phone
2 Neutrik Speakon NL4MP
Impedance: 8 Ω
Power Handling: 200 Watts continuous sine wave
800 Watts instantaneous peak
Dimensions: 18.5"h x 18.5"w x 15.5"d
Weight: 50 lbs. (for self-powered add 5lbs.)

S15B

Transducer: 15" cone
Input Connectors: Dual Banana 2-1/4" phone
Impedance: 8 Ω
Power Handling: 200 Watts continuous sine wave
800 Watts instantaneous peak
Dimensions: 18.5"h x 28.5"w x 24.5"d
Weight: 70 lbs. (for self-powered add 5lbs.)



Model		User
S15-D	Deep Red Carpet Compact Single 15 Enclosure	\$ 560
S15-B	Oiled Birch Compact Single 15 Enclosure	\$ 760
S15X-D	Deep Red Carpet Compact Single 15 Enclosure with AX-HI Drive	\$ 860
S15X-B	Oiled Birch Compact Single 15 Enclosure with AX-HI Drive	\$1095
S15B-D	Deep Red Carpet Low Bass Single 15 Enclosure	\$ 780
S15B-B	Oiled Birch Low Bass Single 15 Enclosure	\$1105
PS15-D	Powered Deep Red Carpet Compact Single 15 Enclosure	\$1430
PS15-B	Powered Oiled Birch Compact Single 15 Enclosure	\$1660
PS15X-D	Powered Deep Red Carpet Low Bass Single 15 Enclosure with AX-HI Drive	\$1650
PS15X-B	Powered Oiled Birch Low Bass Single 15 Enclosure with AX-HI Drive	\$1995

Oiled Birch, Black Carpet, White Painted Finish, Weather Resistant Finish and Unfinished Available.

18" SYSTEMS

FEATURES:

Compact design
High efficiency
Solid hardwood plywood construction
Minima One self-powered option

APPLICATIONS:

Electric bass guitar
Acoustic bass
Chapman Stick™

SPECIFICATIONS:

S18B

Transducer: 18" cone
Input connectors: Dual banana, 2-1/4" phone
Impedance: 8 Ω
Power handling: 300 Watts continuous sine wave
1200 Watts instantaneous peak
Dimensions: 22.5"h x 30"w x 20.5"d
Weight: 73 lbs.

S18

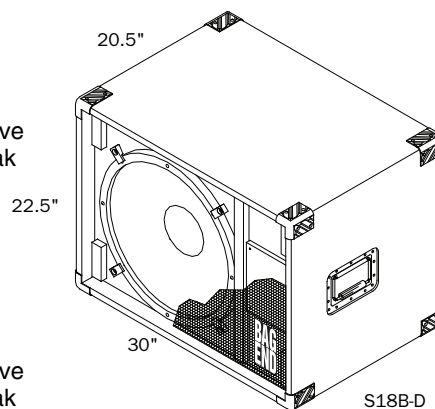
Transducer: 18" cone
Input connectors: Dual banana, 2-1/4" phone
Impedance: 8 Ω
Power handling: 300 Watts continuous sine wave
1200 Watts instantaneous peak
Dimensions: 22"h x 22.5"w x 18.5"d
Weight: 61 lbs. (for self-powered add 5lbs.)

S18E

Transducer: 18" infra-cone
Input connectors: Dual banana, 2-1/4" phone
2 Neutrik Speakon NL4MP
Impedance: 8 Ω
Power handling: 400 Watts continuous sine wave
1600 Watts instantaneous peak
Dimensions: 22.5"h x 30"w x 20.5"d
Weight: 73 lbs. (for self-powered add 5lbs.)

PD18E

Transducer: Two-18" cone
Input: XLR connectors
Self Powered: 1000 Watts continuous
Dimensions: 44"h x 22.5"w x 18.5"d
Weight: 145 lbs.



Model		User
S18-D	Deep Red Carpet Single 18 Enclosure	\$ 890
S18B-D	Deep Red Carpet Low Bass Single 18 Enclosure	\$ 925
S18E-D	Deep Red Carpet Extended Low Base Single 18 Enclosure	\$1010
PS18E-D	Powered Deep Red Carpet Extended Low Base Single 18 Enclosure	\$1860
PD18E-D	Powered Deep Red Carpet Extended Low Bass Double 18 Enclosure w/ Casters	\$2990

Oiled Birch, Black Carpet, White Painted Finish, Weather Resistant Finish and Unfinished Available.

PROFESSIONAL TRANSDUCERS

Part Number	Description	User
E-152	Large Format Compression Driver	\$ 796
E-500	1" Compression Driver	\$ 402
E-550	1" Compression Driver	\$ 252
E-600	1" Compression Driver	\$ 222
E-6A	6" Loudspeaker	\$ 164
E-6X	6" Coaxial Loudspeaker	\$ 410
E-8X	8" Coaxial Loudspeaker	\$ 588
E-10	10" Loudspeaker	\$ 210
E-10X	10" Coaxial Loudspeaker	\$ 266
EL-10	10" Extended Low Loudspeaker	\$ 222
SE-1280	12" Mid/Bass Loudspeaker	\$ 288
E-12	12" Midrange Loudspeaker	\$ 300
E-12H	12" High Output Loudspeaker	\$ 310
EL-12A	12" Extended Low Loudspeaker	\$ 266
EL-12T	12" Extended Low Loudspeaker	\$ 420
E-15	15" Low Frequency Loudspeaker	\$ 310
E-15X	15" Coaxial Loudspeaker	\$ 354
E-18A	18" Low Frequency Loudspeaker	\$ 456
EL-18A	18" High Output Extended Low Loudspeaker	\$ 530
EL-18T	18" Extended Low Loudspeaker	\$ 530
EL-21	21" Extended Low Loudspeaker	\$1326

SPEAKER SUPPORT and ACCESSORIES

The TB-26M is a 26" tube designed to support a TA1200, TA2000, TA5000, TA6000, Crystal, Opal or Sapphire using a subwoofer cabinet as the support base. More compact and lower cost than a full size speaker stand the TB-26M or TB-48M offers a quick and secure set-up for small instrument PA and DJ systems. Use D18E or Quartz to support larger top cabinet such as TA5000 or Crystal.

TB-26M	26 Inch Tube for Speaker Support	\$ 32
TB-48M	48 Inch Tube for Speaker Support	\$ 42

Flypoints in many models are standard and if so are listed in the models description F4, F6 and F8 flypoints are optionally available installed on most models that are less often flown, such as subwoofers. The number of flypoints required varies with the cabinets design requirements and the design of external ringing hardware.

F4	4 Point Flying Hardware with Eyebolt	\$ 105
F6	6 Point Flying Hardware with Eyebolt	\$ 158
F8	8 Point Flying Hardware with Eyebolt	\$ 211

Yoke-6K is a "U" shaped flat metal mounting device designed for all TA6000 and optionally used with TA1200 models to mount it tight up against a wall or ceiling and allow 1 direction of rotation.

YOKE-6K	Fixed Width U-Bracket up to 60 lbs.	\$ 110
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BRKT-1 is a wall mounting bracket designed for all TA6000 and can be optionally used with TA1200's, and TA2000's. The Bracket offers 2 directions of rotation both pan and tilt.

BRKT-1	Pan and Tilt Mount up to 60 lbs.	\$ 150
ASM-RCA	Adapter set INFRA-MX2 to RCA Female	\$ 140
SS-1	Single Stud Ring Fitting (for Crystal, Opal and Sapphire)	\$ 23
MPS-120	12VDC Power Supply for INFRA Processors	\$ 20

BAG END Loudspeakers

Voice 847 382 4550
 Fax 847 382 4551
www.bagend.com

