



PROFICIENT[™]
Audio Systems

Product Catalog

May 2008

Proficient Audio: The Custom Install Innovator

2008 is an especially exciting year for Proficient Audio.

Since our very first day in business back in 2001, we've satisfied our customers with great gear, exceptional value and the best service in the industry.

With our 2008 product line, we now solidify our place as one of the custom install industry's most innovative companies.

Our award-winning C1030 LCR ceiling speaker is like no other. It brings exceptional sound to homeowners who never thought they'd be able to get truly great performance from a built-in home theater system. This product opens up a whole new market—while you enjoy the same Proficient build quality, value pricing and service.

Our new audio electronics are designed to make installation quicker, easier, and more reliable for your technicians, so your profits don't vanish because of complications on the jobsite. They also let you bring audio to more places in your customers' homes than ever before.

Familiar products you've come to depend on. Innovative new products that expand your customers' options. And the dependable service and wide margins you've come to expect. That's Proficient's promise to you for 2008.



Keith

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The Source



Shipping
Q3 '08



The Source Keypad wht | blk

U/M
Each

The Source creates the ultimate media control experience by providing real-time system status, menu-driven control options, and source metadata with it's high-resolution color LCD. Menu options include system source selection, internal tuner presets with frequency, iPod® menus and metadata as well as a variety of keypad setup options. **Order in white or black.**

- High-Res, 64K Color (16 Bit) LCD Display
- Menu, Source Component & Metadata Display
- Fully Retrofit Compatible with PMKIR Installations
- Easy Navigation Scroll Wheel
- Volume Control Knob w/Back-Lit Level Indicator
- 7 Back-Lit, Configurable 'Hard Keys'
- Built-In IR Receiver
- Fits Most Dual Gang Electrical Boxes
- White Version Includes White bezel
- Black Version Includes Black, Bone & Almond Bezels



Shipping
Q3 '08



The Source Dock wht | blk

U/M
Each

The Source Dock and The Source Dock Adapter provide an enhanced interface when used in conjunction with The Source Keypad and M4 or M6. Universal style dock is compatible with most iPod® models. The Source Dock and The Source Dock Adapter ship together in one convenient package (every Source Dock requires a Source Dock Adapter). Linking Dock Adapters allow up to Six Source Docks per system. **Order in white or black.**

- Converts iPod Audio into a Balanced Audio Signal
- Converts iPod Serial Data to RS485 Data
- RJ45 Jack for CAT5 Connection to Dock Adapter
- USB Port for Syncing iPod to Computer
- Auxillary Audio Input
- Designed Specifically for Proficient M4 & M6
- Includes (1) iPod-Compatible Source Dock
- Includes (1) Source Dock Adapter
- Includes (1) Stereo Mini to RCA Audio Cable
- Requires The Source Power Supply



Shipping
Q3 '08

The Source Power Supply

U/M
Each

24V DC 2.5 Amp Power Supply for the Source. Supports up to six Dock Adapters.

M Electronics

M6

U/M
Each



Distributed audio receiver that plays right out of the box. Runs six zones, has dual tuners built-in and will accommodate six source components. Has 12 channels of digital amplification with 30 watts per channel. Includes six PMKIR single-gang keypads with built-in IR receiver and six IR Single Flashers. Keypads feature installer-configurable buttons. Both AM/FM tuners have 10 presets per zone. Program the M6 via Proficient Editor software. Includes bolt-on rack ears. Expandable to 24 zones and eight sources.

- Six zone audio receiver
- Six source inputs + 2 AM/FM Tuners
- Power: 30 watts x 12 channels
- Telephone paging & doorbell mute
- All digital amplification
- Includes six PMKIR master keypads w/IR
- Includes six IR Single Flashers
- Programmable via Proficient Editor software
- Dimensions (H x W x D): 5¹³/₁₆" x 17¹/₈" x 15¹/₂"
- Weight: 26 lbs

M4

U/M
Each

Distributed audio controller. Hook it up and it immediately runs without any programming. Plays 4 zones and 6 component sources. Features 8 channels of digital amplification with 30 watts per channel. Includes four PMKIR single-gang keypads with built-in IR receiver and six IR Single Flashers. Keypads have installer-configurable buttons. Program the M4 via Proficient Editor software. Includes bolt-on rack ears. Expandable to 16 zones and 6 sources.

- Four zone audio controller
- Six source inputs
- Power: 30 watts x 8 channels
- Telephone paging & doorbell mute
- All digital amplification
- Includes four PMKIR master keypads w/IR
- Includes six IR Single Flashers
- Programmable via Proficient Editor software
- Dimensions (H x W x D): 5¹³/₁₆" x 17¹/₈" x 15¹/₂"
- Weight: 20 lbs



M3

U/M
Each



180 watt high-current mono amp with built-in crossover network. Crossover features adjustments for subwoofer fine-tuning to individual room acoustics. Includes bolt-on rack ears. **Designed for use with the IWS10 inwall subwoofer (Page 10).**

- Power: 180 watts single channel
- Variable low pass crossover 35Hz - 150Hz
- LFE Input
- Pass Through Output
- Phase switch
- Remote power-on switching via signal sensing
- Dimensions (H x W x D): 4" x 17¹/₈" x 12⁵/₈"
- Weight: 18 lbs

M8

U/M
Each

35 watts x 8 channel high-current power amplifier produces superior speaker performance, with tight bass response and unparalleled transient response. Features remote power on via signal sensing or voltage trigger. Includes bolt-on rack ears.

- Power: 35 watts per channel @ 0.05% THD ±3dB
- High-Current discrete amplifier design
- Pass Through Output
- Dimensions (H x W x D): 5¹/₈" x 17¹/₈" x 15¹/₂"
- Weight: 30 lbs



Shipping
TBD



Shipping
TBD

M2

U/M
Each

125 watts x 2 channel high-current stereo power amplifier produces superior speaker performance, with tight bass response and unparalleled transient response. Features remote power on via signal sensing or voltage trigger. Includes bolt-on rack ears.

- Power: 125 watts per channel @ 0.05% THD ±3dB
- Amplifier Stable to 2Ω
- High-Current discrete amplifier design
- Pass Through Output
- Dimensions (H x W x D): 5¹/₈" x 17¹/₈" x 15¹/₂"
- Weight: 30 lbs

M Keypads

PMKIR

Single-gang Master keypad with built-in IR receiver. All buttons are removable and configurable. Includes extra buttons to customize any job. **MUST be connected to a Proficient M4 or M6.**

- Single-gang keypad
- Built-In IR Receiver
- 8 source select buttons
- 7 source buttons can be programmed for function control (one of the 8 must be for source selection)
- 4 additional buttons can be programmed for any function excluding source selection
- Includes extra buttons for custom configuration
- Includes white, bone and almond plates & inserts

U/M
Each



PMK

Single-gang Master keypad. All buttons are removable and configurable. Includes extra buttons to customize any job. **MUST be connected to a Proficient M4 or M6.**

- Single-gang keypad
- 8 source select buttons
- 7 source buttons can be programmed for function control (one of the 8 must be for source selection)
- 5 additional buttons can be programmed for any function excluding source selection
- Includes extra buttons for custom configuration
- Includes white, bone and almond plates & inserts

U/M
Each

PFK

Function keypad **must be connected to a PMKIR or PMK Master keypad.** Features 14 custom configurable buttons. Includes extra buttons with text and icons to customize any job.

- 14 configurable buttons
- Includes ribbon cable for connection to PMKIR or PMK Master keypads
- Includes extra buttons for custom configuration
- Includes white, bone and almond inserts

U/M
Each



Shown with Optional
Wall Plate (Not Included)



Shown with Optional
Wall Plate (Not Included)

PNK

Numeric keypad **must be connected to a PMKIR or PMK Master keypad.** Features 16 custom configurable buttons: 10 numeric and 6 function. Includes extra buttons with text and icons to customize any job.

- 16 configurable buttons
- Includes ribbon cable for connection to PMKIR or PMK Master keypads
- Includes extra buttons for custom configuration
- Includes white, bone and almond inserts

U/M
Each

M Accessories



Command Interface Kit

U/M
Each

Contains everything you need to connect and program an M4 or M6 from your laptop. Includes the following components:

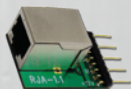
- (1) Command Interface
- (1) USB to DB9 adapter cable
- (1) 6' DB9 to quad 3.5mm plug transfer cable
- (1) Proficient Editor Software CD
- (1) Power supply
- (1) Carrying case

Control Module

U/M
Each

This Proficient Control Module is specifically programmed to interface Proficient M4 or M6 and Third-Party Control Platforms. The RS232 Data I/O connects directly to the Third-Party Control Hardware, and the Expansion Port connects to M4 or M6 via CAT5 cable.

- Communication interface for M4 & M6
- Expansion Port RS232 Buffer for External Control
- Connects via Cat5 to M4 or M6 Expansion Port
- RS232 9-Pin Male Data I/O



RJA-1.1 Adapter

U/M
Six

For use when RJ-45 terminated connection is preferred to bare wire connection to Proficient Master Keypads. Connects data, power and IR signals between the keypad and the M4 or M6.

- Package contains 6 adapters

CATY Adapter

U/M
Two

Facilitates connection of multiple Master Keypads to a single zone, on M4 and M6. This 'Y' adapter can be located at the zone connection on the receiver, or at a keypad location within the zone. Requires the use of a RJA-1.1 Adapter if located at the keypad.

- Package contains 2 adapters



PS Series Subs

PS12

One subwoofer with 12" long excursion treated paper cone woofer and 250 watt multi-voltage amplifier. Slotted rear-firing port eliminates vent noise and distortion. Black wood grain finish & chrome feet.

- Amplification: 250 watts RMS
- Frequency Response: 28Hz - 200Hz
- LFE (Low Frequency Effects) Input
- Overload Protection Circuit
- Auto Power via Signal Sensing
- Dimensions (H x W x D): 17" x 14" x 17¹³/₁₆"

U/M
Each



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PS10

One subwoofer with 10" long excursion treated paper cone woofer and 120 watt multi-voltage amplifier. Slotted rear-firing port eliminates vent noise and distortion. Black wood grain finish & chrome feet.

- Amplification: 120 watts RMS
- Frequency Response: 32Hz - 200Hz
- LFE (Low Frequency Effects) Input
- Overload Protection Circuit
- Auto Power via Signal Sensing
- Dimensions (H x W x D): 13³/₄" x 11¹/₂" x 16³/₄"

U/M
Each

PS8

One subwoofer with 8" long excursion treated paper cone woofer and 80 watt multi-voltage amplifier. Slotted rear-firing port eliminates vent noise and distortion. Black wood grain finish & chrome feet.

- Amplification: 80 watts RMS
- Frequency Response: 45Hz - 200Hz
- LFE (Low Frequency Effects) Input
- Overload Protection Circuit
- Auto Power via Signal Sensing
- Dimensions (H x W x D): 12¹/₄" x 9⁷/₈" x 15¹/₄"

U/M
Each



Shipping
Q3 '08

S Series Subs



S12

U/M
Each

One subwoofer with 12" long excursion treated paper cone woofer and 250 watt multi-voltage amplifier. Twin front-firing ports to eliminate vent noise and distortion.

- Power Handling: 250 watts
 - Frequency Response: 28Hz - 200Hz
 - Dimensions (H x W x D): 17³/₄" x 14" x 17¹³/₁₆"
-

S10

One subwoofer with 10" long excursion treated paper cone woofer and 120 watt multi-voltage amplifier. Twin front-firing ports to eliminate vent noise and distortion.

- Power Handling: 120 watts
- Frequency Response: 32Hz - 200Hz
- Dimensions (H x W x D): 14¹/₂" x 11¹/₂" x 16³/₄"

U/M
Each



S8

U/M
Each

One subwoofer with 8" long excursion treated paper cone woofer and 80 watt multi-voltage amplifier. Twin front-firing ports to eliminate vent noise and distortion.

- Power Handling: 80 watts
- Frequency Response: 45Hz - 200Hz
- Dimensions (H x W x D): 13" x 9⁷/₈" x 15¹/₄"



Inwall Sub System

IWS10

U/M
Each

One inwall passive subwoofer with a 10" long excursion treated paper cone woofer and inverted neodymium magnet structure with a power handling capacity of 250 watts. For new construction, use the BB-IWS10 MDF back box.

- Power Handling: 250 watts
- Frequency Response: 36Hz - 150Hz
- Baffle Dimensions (H x W): 13 $\frac{5}{8}$ " x 13 $\frac{5}{8}$ "
- Wall Cut Out (H x W): 12 $\frac{1}{16}$ " x 12 $\frac{1}{16}$ "



M3

U/M
Each

180 watt high-current mono amp with built-in crossover network. Crossover features adjustments for subwoofer fine-tuning to individual room acoustics. Includes bolt-on rack ears.

- Power: 180 watts single channel
- Variable low pass crossover 35Hz - 150Hz
- LFE Input
- Pass Through Output
- Phase switch
- Remote power-on switching via signal sensing
- Dimensions (H x W x D): 4" x 17 $\frac{1}{8}$ " x 12 $\frac{5}{8}$ "
- Weight: 18 lbs



BB-IWS10

U/M
Each

Medium Density Fiberboard (MDF) back box for the IWS10 sub, designed to fit any standard 16" stud bay. Cuts down on translational energy vibration between adjacent walls. The IWS10 sub is tuned to the BB-IWS10 back box.

- Dimensions (H x W x D): 42 $\frac{3}{4}$ " x 14 $\frac{3}{8}$ " x 3 $\frac{1}{4}$ "

Multiple Dwelling Speakers



Shipping
Q2 '08

MDSwht | blk

U/M
Pair

One pair of surface-mount speakers with 3" Injection-Molded Graphite woofers and 1" soft dome tweeters. Integrated brackets conceal wiring & connections. Designed to mount to a ceiling or wall in Multiple Dwelling Units such as lofts, townhouses, condos and high-rise buildings. Use included MDS Back Plates for J-Box installs. For new construction, use PCB-MDS Pre-Construction Brackets. **Order in white or black.**

- Power Handling: 75 watts
- Frequency Response: 65Hz - 20kHz
- Impedance: 8Ω

- Sensitivity: 89dB 1W/1m
- Compact, Surface Mount Design
- Dimensions (H x W x D): 4½" x 6¼" x 5½"

MDS2wht | blk

U/M
Each

One each surface-mount speaker with dual 3" Injection-Molded Graphite woofers and a 1" soft dome tweeter. Integrated bracket conceals wiring & connections. Designed to mount to a ceiling or wall in Multiple Dwelling Units such as lofts, townhouses, condos and high-rise buildings. Use included MDS Back Plate for J-Box installs. For new construction, use PCB-MDS Pre-Construction Bracket. **Order in white or black.**

- Power Handling: 100 watts
- Frequency Response: 60Hz - 20kHz
- Impedance: 8Ω

- Sensitivity: 91dB 1W/1m
- Compact, Surface Mount Design
- Dimensions (H x W x D): 4½" x 11" x 5½"



Shipping
Q2 '08



PCB-MDS

U/M
Pair

One pair of pre-construction brackets for new construction. Fits MDS and MDS2 Multiple Dwelling Speakers.

Shipping
Q2 '08

MDS Back Plates

U/M
Six

Six reversible back plates for installing MDS speakers onto a J-Box. Fits MDS and MDS2 Multiple Dwelling Speakers.



Shipping
Q2 '08

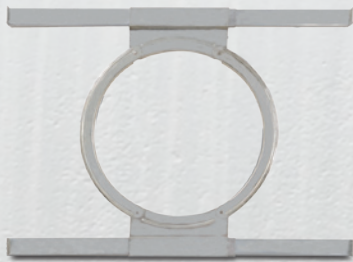
LCR Ceiling Speakers

C1030

One LCR ceiling speaker with woofer and midrange/tweeter bridge fixed at a 15° angle. 10" Kevlar® woofer, 3" pivoting Kevlar® midrange, 1" pivoting aluminum dome tweeter, ±3dB midrange & treble contour switches and 200 watt power handling. The PCB-C1000 bracket is designed for new construction and retrofit installations. PCB-C1000 is included with each C1030 and is available separately.

- Power Handling: 200 watts
- Frequency Response: 40Hz - 22kHz
- Impedance: 4Ω
- Sensitivity: 92dB 1W/1m
- Diameter x Depth: 13³/₈" x 7⁵/₈"
- Ceiling Cut Out: 11⁷/₈"

U/M
Each



PCB-C1000

Designed for new construction and retrofit installations. Included with each C1030 and is available separately.

For safety reasons, the PCB-C1000 is required for all installations.

U/M
Pair

C870

One LCR ceiling speaker with woofer and tweeter bridge fixed at a 15° angle. 8" Kevlar® woofer and 1" pivoting aluminum dome tweeter, ±3dB bass & treble contour switches and 175 watt power handling.

- Power Handling: 175 watts
- Frequency Response: 28Hz - 22kHz
- Impedance: 8Ω
- Sensitivity: 92dB 1W/1m
- Diameter x Depth: 11¹/₈" x 5⁷/₈"
- Ceiling Cut Out: 9⁷/₈"

U/M
Each



C660

One LCR ceiling speaker with woofer and tweeter bridge fixed at a 15° angle. 6¹/₂" graphite woofer and 1" pivoting aluminum dome tweeter and 125 watt power handling.

- Power Handling: 125 watts
- Frequency Response: 36Hz - 22kHz
- Impedance: 8Ω
- Sensitivity: 92dB 1W/1m
- Diameter x Depth: 9¹/₄" x 4⁹/₁₆"
- Ceiling Cut Out: 8¹/₄"

U/M
Each

C650

One LCR ceiling speaker with woofer and tweeter bridge fixed at a 15° angle. 6¹/₂" polypropylene woofer and 1" pivoting silk dome tweeter and 100 watt power handling.

- Power Handling: 100 watts
- Frequency Response: 40Hz - 20kHz
- Impedance: 8Ω
- Sensitivity: 91dB 1W/1m
- Diameter x Depth: 9¹/₄" x 4⁹/₁₆"
- Ceiling Cut Out: 8¹/₄"

U/M
Each



LCR Inwall & Onwall Speakers



Shipping
Q2 '08

IW650

U/M
Each

One inwall LCR speaker with two 6½" Kevlar® woofers, 1" pivoting aluminum dome tweeter, ±3dB bass & treble contour switches and 150 watt power handling.

- Power Handling: 150 watts
- Frequency Response: 50Hz - 20kHz
- Impedance: 8Ω
- Sensitivity: 90dB 1W/1m
- Dimensions (H x W x D): 9" x 16½" x 3"
- Wall Cut Out (H x W): 7½" x 14½"

IW625

U/M
Each

One inwall LCR speaker with two 6½" graphite woofers, 1" pivoting soft dome tweeter, ±3dB bass & treble contour switches and 125 watt power handling.

- Power Handling: 125 watts
- Frequency Response: 55Hz - 20kHz
- Impedance: 8Ω
- Sensitivity: 90dB 1W/1m
- Dimensions (H x W x D): 9" x 16½" x 3"
- Wall Cut Out (H x W): 7½" x 14½"



Shipping
Q2 '08



IW550

U/M
Each

One inwall LCR speaker with two 5¼" Kevlar® woofers, 1" pivoting aluminum dome tweeter, ±3dB bass & treble contour switches and 125 watt power handling.

- Power Handling: 125 watts
- Frequency Response: 60Hz - 20kHz
- Impedance: 8Ω
- Sensitivity: 88dB 1W/1m
- Dimensions (H x W x D): 8" x 15½" x 3¼"
- Wall Cut Out (H x W): 6¾" x 14½"

IW525

U/M
Each

One inwall LCR speaker with two 5¼" graphite woofers, 1" pivoting aluminum dome tweeter, ±3dB bass & treble contour switches and 100 watt power handling.

- Power Handling: 100 watts
- Frequency Response: 65Hz - 20kHz
- Impedance: 8Ω
- Sensitivity: 88dB 1W/1m
- Dimensions (H x W x D): 8" x 15½" x 3¼"
- Wall Cut Out (H x W): 6¾" x 14½"



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Q2 '08

F400gb | blk | slvr

U/M
Each

One onwall LCR for use with plasma and LCD flat panel video displays. Features dual 4" injection molded polypropylene woofers and 1" pivoting aluminum dome tweeter, with ±3dB bass & treble contour switches and 100 watt power handling. **Order in gloss black, black or silver.**

- Power Handling: 100 watts
- Frequency Response: 62Hz - 20kHz
- Impedance: 4Ω
- Sensitivity: 86dB 1W/1m
- Surface Mount Bracket Included
- Dimensions (H x W x D): 24" x 7½" x 4"

Single Stereo Ceiling Speakers

C850TT

One ceiling speaker with 8" dual voice coil Kevlar® woofer, cast magnesium woofer basket, twin pivoting 1" aluminum dome tweeters, ±3dB bass & treble contour switches and 175 watt power handling.

- Power Handling: 175 watts
- Frequency Response: 28Hz - 22kHz
- Impedance: 8Ω
- Sensitivity: 92dB 1W/1m
- Diameter x Depth: 11 $\frac{1}{8}$ " x 4 $\frac{1}{4}$ "
- Ceiling Cut Out: 9 $\frac{7}{8}$ "

U/M
Each



C800TT

One ceiling speaker with 8" dual voice coil graphite woofer, twin pivoting 1" aluminum dome tweeters, +3dB bass & treble contour switches and 150 watt power handling.

- Power Handling: 150 watts
- Frequency Response: 28Hz - 22kHz
- Impedance: 8Ω
- Sensitivity: 92dB 1W/1m
- Diameter x Depth: 11 $\frac{1}{8}$ " x 4 $\frac{1}{4}$ "
- Ceiling Cut Out: 9 $\frac{7}{8}$ "

U/M
Each

C600TT

One ceiling speaker with 6 $\frac{1}{2}$ " dual voice coil polypropylene woofer, twin non-pivoting $\frac{1}{2}$ " hard dome tweeters and 75 watt power handling.

- Power Handling: 75 watts
- Frequency Response: 36Hz - 20kHz
- Impedance: 8Ω
- Sensitivity: 92dB 1W/1m
- Diameter x Depth: 9 $\frac{1}{4}$ " x 3 $\frac{5}{8}$ "
- Ceiling Cut Out: 8 $\frac{1}{4}$ "

U/M
Each



Ceiling Speakers



C850

U/M
Pair

One pair of ceiling speakers with 8" Kevlar® woofers, cast magnesium woofer baskets, 1" pivoting aluminum dome tweeters, ± 3 dB bass & treble contour switches and 175 watt power handling.

- Power Handling: 175 watts
- Frequency Response: 28Hz - 22kHz
- Impedance: 8 Ω
- Sensitivity: 92dB 1W/1m
- Diameter x Depth: 11 $\frac{1}{8}$ " x 4 $\frac{1}{4}$ "
- Ceiling Cut Out: 9 $\frac{7}{8}$ "

C800

U/M
Pair

One pair of ceiling speakers with 8" graphite woofers, 1" pivoting aluminum dome tweeters, +3dB bass & treble contour switches and 150 watt power handling.

- Power Handling: 150 watts
- Frequency Response: 28Hz - 22kHz
- Impedance: 8 Ω
- Sensitivity: 92dB 1W/1m
- Diameter x Depth: 11 $\frac{1}{8}$ " x 4 $\frac{1}{4}$ "
- Ceiling Cut Out: 9 $\frac{7}{8}$ "



C790

U/M
Pair

One pair of ceiling speakers with 8" polypropylene woofers, 1" pivoting soft dome tweeters and 125 watt power handling.

- Power Handling: 125 watts
- Frequency Response: 36Hz - 20kHz
- Impedance: 8 Ω
- Sensitivity: 92dB 1W/1m
- Diameter x Depth: 11 $\frac{1}{8}$ " x 4 $\frac{1}{4}$ "
- Ceiling Cut Out: 9 $\frac{7}{8}$ "

Ceiling Speakers

C645

U/M
Pair



One pair of ceiling speakers with 6½" Kevlar® woofers, cast magnesium woofer baskets, 1" pivoting aluminum dome tweeters, +3dB bass & treble contour switches and 150 watt power handling.

- Power Handling: 150 watts
- Frequency Response: 32Hz - 22kHz
- Impedance: 8Ω
- Sensitivity: 92dB 1W/1m
- Diameter x Depth: 9¼" x 3⅝"
- Ceiling Cut Out: 8¼"



C640

U/M
Pair

One pair of ceiling speakers with 6½" graphite woofers, 1" pivoting aluminum dome tweeters, +3dB bass & treble contour switches and 125 watt power handling.

- Power Handling: 125 watts
- Frequency Response: 32Hz - 22kHz
- Impedance: 8Ω
- Sensitivity: 92dB 1W/1m
- Diameter x Depth: 9¼" x 3⅝"
- Ceiling Cut Out: 8¼"

C620

U/M
Pair



One pair of ceiling speakers with 6½" polypropylene woofers, 1" pivoting silk dome tweeters and 100 watt power handling.

- Power Handling: 100 watts
- Frequency Response: 36Hz - 20kHz
- Impedance: 8Ω
- Sensitivity: 91dB 1W/1m
- Diameter x Depth: 9¼" x 3⅝"
- Ceiling Cut Out: 8¼"



C610

U/M
Pair

One pair of ceiling speakers with 6½" polypropylene woofers, 1" pivoting soft dome tweeters and 85 watt power handling.

- Power Handling: 85 watts
- Frequency Response: 40Hz - 20kHz
- Impedance: 8Ω
- Sensitivity: 91dB 1W/1m
- Diameter x Depth: 9¼" x 3⅝"
- Ceiling Cut Out: 8¼"

C605

U/M
Pair



One pair of ceiling speakers with 6½" polypropylene woofers, ¾" fixed soft dome tweeters and 75 watt power handling.

- Power Handling: 75 watts
- Frequency Response: 45Hz - 20kHz
- Impedance: 8Ω
- Sensitivity: 90dB 1W/1m
- Diameter x Depth: 9¼" x 3⅝"
- Ceiling Cut Out: 8¼"



C500

U/M
Pair

One pair of ceiling speakers with 5¼" polypropylene woofers, ½" pivoting polyamide hard dome tweeters and 75 watt power handling.

- Power Handling: 75 watts
- Frequency Response: 40Hz - 20kHz
- Impedance: 8Ω
- Sensitivity: 90dB 1W/1m
- Diameter x Depth: 7¾" x 3¼"
- Ceiling Cut Out: 6⅞"

Inwall Speakers



W850

U/M
Pair

One pair of inwall speakers with 8" Kevlar® woofers, cast magnesium woofer baskets, 1" pivoting aluminum dome tweeters, ±3dB bass & treble contour switches and 175 watt power handling.

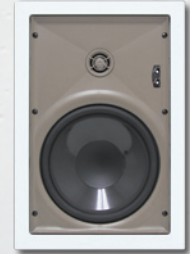
- Power Handling: 175 watts
- Frequency Response: 28Hz - 22kHz
- Impedance: 8Ω
- Sensitivity: 92dB 1W/1m
- Dimensions (H x W x D): 14⁷/₈" x 10¹/₈" x 3³/₄"
- Wall Cut Out (H x W): 13⁵/₈" x 8³/₄"

W800

U/M
Pair

One pair of inwall speakers with 8" graphite woofers, 1" pivoting aluminum dome tweeters, +3dB bass & treble contour switches and 150 watt power handling.

- Power Handling: 150 watts
- Frequency Response: 28Hz - 22kHz
- Impedance: 8Ω
- Sensitivity: 92dB 1W/1m
- Dimensions (H x W x D): 14⁷/₈" x 10¹/₈" x 3³/₄"
- Wall Cut Out (H x W): 13⁵/₈" x 8³/₄"



W690

U/M
Pair

One pair of inwall speakers with 6¹/₂" Kevlar® woofers, cast magnesium woofer baskets, 1" pivoting aluminum dome tweeters, +3dB bass & treble contour switches and 150 watt power handling.

- Power Handling: 150 watts
- Frequency Response: 32Hz - 22kHz
- Impedance: 8Ω
- Sensitivity: 92dB 1W/1m
- Dimensions (H x W x D): 12¹/₄" x 8³/₁₆" x 3³/₁₆"
- Wall Cut Out (H x W): 10⁷/₈" x 6³/₄"

W680

U/M
Pair

One pair of inwall speakers with 6¹/₂" graphite woofers, 1" pivoting aluminum dome tweeters, +3dB bass & treble contour switches and 125 watt power handling.

- Power Handling: 125 watts
- Frequency Response: 32Hz - 22kHz
- Impedance: 8Ω
- Sensitivity: 92dB 1W/1m
- Dimensions (H x W x D): 12¹/₄" x 8³/₁₆" x 3³/₁₆"
- Wall Cut Out (H x W): 10⁷/₈" x 6³/₄"



W670

U/M
Pair

One pair of inwall speakers with 6¹/₂" polypropylene woofers, 1" pivoting silk dome tweeters and 100 watt power handling.

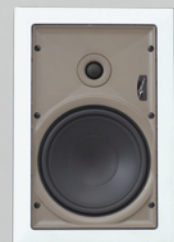
- Power Handling: 100 watts
- Frequency Response: 36Hz - 20kHz
- Impedance: 8Ω
- Sensitivity: 91dB 1W/1m
- Dimensions (H x W x D): 12¹/₄" x 8³/₁₆" x 3³/₁₆"
- Wall Cut Out (H x W): 10⁷/₈" x 6³/₄"

W665

U/M
Pair

One pair of inwall speakers with 6¹/₂" polypropylene woofers, 3/4" fixed soft dome tweeters and 75 watt power handling.

- Power Handling: 75 watts
- Frequency Response: 45Hz - 20kHz
- Impedance: 8Ω
- Sensitivity: 90dB 1W/1m
- Dimensions (H x W x D): 12¹/₄" x 8³/₁₆" x 3³/₁₆"
- Wall Cut Out (H x W): 10⁷/₈" x 6³/₄"



70V Distributed Indoor / Outdoor Speakers

AW8070Vwht | blk

One indoor/outdoor 70V speaker with one 8" polypropylene woofer, two 1¼" pivoting aluminum dome tweeters and 70V tap switch selectable at 8, 16, 32 & 64 watts, with 4Ω transformer bypass. Weather-resistant ABS housing, powder coated aluminum grille. Includes swivel mounting bracket. **Order in white or black.**

- Power Handling: 90 watts
- Frequency Response: 70Hz - 20kHz
- Transformer Taps: 8W, 16W, 32W & 64W
- Impedance: 4Ω (in transformer bypass)
- Sensitivity: 89dB 1W/1m
- Dimensions (H x W x D): 9" x 16" x 9"

U/M
Each



Shipping
Q2 '08

Single Stereo Indoor / Outdoor Speakers



AW800TTwht | blk

One indoor/outdoor speaker with one 8" dual voice coil polypropylene woofer, two 1¼" pivoting aluminum dome tweeters and 150 watt power handling. Weather-resistant ABS housing, powder coated aluminum grille. Includes swivel mounting bracket. **Order in white or black.**

- Power Handling: 150 watts
- Frequency Response: 40Hz - 20kHz
- Impedance: 4Ω
- Sensitivity: 89dB 1W/1m
- Dimensions (H x W x D): 9" x 16" x 9"

U/M
Each

AW600TTwht | blk

One indoor/outdoor speaker with one 6½" dual voice coil polypropylene woofer, two 1" pivoting Supernil soft dome tweeters and 125 watt power handling. Weather-resistant ABS housing, powder coated aluminum grille. Includes swivel mounting bracket. **Order in white or black.**

- Power Handling: 125 watts
- Frequency Response: 50Hz - 20kHz
- Impedance: 4Ω
- Sensitivity: 91dB 1W/1m
- Dimensions (H x W x D): 7" x 12" x 8"

U/M
Each



AW500TTwht | blk

One indoor/outdoor speaker with one 5¼" dual voice coil polypropylene woofer, two 1" pivoting Supernil soft dome tweeters and 100 watt power handling. Weather-resistant ABS housing, powder coated aluminum grille. Includes swivel mounting bracket. **Order in white or black.**

- Power Handling: 100 watts
- Frequency Response: 60Hz - 20kHz
- Impedance: 4Ω
- Sensitivity: 89dB 1W/1m
- Dimensions (H x W x D): 7" x 11" x 6¼"

U/M
Each

Indoor / Outdoor Speakers



AW830wht | blk

U/M
Pair

One pair of indoor/outdoor speakers with 8" polypropylene woofers, 3" graphite midrange, 1" pivoting soft dome tweeters and 175 watt power handling. Includes swivel mounting brackets. **Order in white or black.**

- Power Handling: 175 watts
- Frequency Response: 35Hz - 20kHz
- Impedance: 4Ω
- Sensitivity: 89dB 1W/1m
- Dimensions (H x W x D): 15¾" x 8¾" x 8¾"

AW650wht | blk

U/M
Pair

One pair of indoor/outdoor speakers with 6½" polypropylene woofers, 1" pivoting Supernil soft dome tweeters and 150 watt power handling. Includes swivel mounting brackets. **Order in white or black.**

- Power Handling: 150 watts
- Frequency Response: 37Hz - 20kHz
- Impedance: 4Ω
- Sensitivity: 89dB 1W/1m
- Dimensions (H x W x D): 11" x 7" x 6¼"



AW525wht | blk

U/M
Pair

One pair of indoor/outdoor speakers with 5¼" polypropylene woofers, 1" pivoting Supernil soft dome tweeters and 125 watt power handling. Includes swivel mounting brackets. **Order in white or black.**

- Power Handling: 125 watts
- Frequency Response: 45Hz - 20kHz
- Impedance: 8Ω
- Sensitivity: 88dB 1W/1m
- Dimensions (H x W x D): 9¾" x 6½" x 6¾"

AW400wht | blk

U/M
Pair

One pair of indoor/outdoor speakers with 4" polypropylene woofers, ¾" Supernil soft dome tweeters and 100 watt power handling. Includes swivel mounting brackets. **Order in white or black.**

- Power Handling: 100 watts
- Frequency Response: 55Hz - 20kHz
- Impedance: 8Ω
- Sensitivity: 87dB 1W/1m
- Dimensions (H x W x D): 7¾" x 5½" x 5½"



Center Channel Speakers



CC550

U/M
Each

One bookshelf center channel speaker with two 5 1/4" Kevlar® woofers, 3" Kevlar® midrange, 1" aluminum dome tweeter and 125 watt power handling.

- Power Handling: 125 watts
- Frequency Response: 40Hz - 20kHz
- Impedance: 8Ω
- Sensitivity: 88dB 1W/1m
- Bookshelf Design
- Dimensions (H x W x D): 6 3/4" x 20 1/2" x 8 3/4"



CC540

U/M
Each

One bookshelf center channel speaker with two 5 1/4" graphite woofers, 3" graphite midrange, 1" aluminum dome tweeter and 100 watt power handling.

- Power Handling: 100 watts
- Frequency Response: 70Hz - 20kHz
- Impedance: 8Ω
- Sensitivity: 89dB 1W/1m
- Bookshelf Design
- Dimensions (H x W x D): 6 3/4" x 20 1/2" x 8 3/4"



CC400

U/M
Each

One bookshelf center channel speaker with two 4" polypropylene woofers, 1" aluminum dome tweeter and 85 watt power handling.

- Power Handling: 85 watts
- Frequency Response: 80Hz - 20kHz
- Impedance: 8Ω
- Sensitivity: 89dB 1W/1m
- Bookshelf Design
- Dimensions (H x W x D): 5 1/2" x 20" x 7 1/4"

Bookshelf Speakers



NFM8

U/M
Pair

Designed for larger rooms and higher performance systems. One pair of bookshelf two-way speakers with 8" polypropylene woofers, 1" aluminum dome tweeters and 175 watt power handling.

- Power Handling: 175 watts
- Frequency Response: 33Hz - 20kHz
- Impedance: 4Ω
- Sensitivity: 90dB 1W/1m
- Bookshelf Design
- Dimensions (H x W x D): 16⁵/₈" x 9¹/₂" x 13¹/₄"

NFM6

U/M
Pair

For Near Field Monitoring (NFM) applications and moderate-sized rooms. One pair of two-way speakers with 6¹/₂" polypropylene woofers, 1" aluminum dome tweeters and 150 watt power handling.

- Power Handling: 150 watts
- Frequency Response: 37Hz - 22kHz
- Impedance: 8Ω
- Sensitivity: 89dB 1W/1m
- Bookshelf Design
- Dimensions (H x W x D): 14¹/₄" x 8" x 12¹/₈"



NFM5

U/M
Pair

Good for small rooms, bookshelf jobs and surround systems with sub. One pair of two-way speakers with 5¹/₄" polypropylene woofers, 1" aluminum dome tweeters and 125 watt power handling.

- Power Handling: 125 watts
- Frequency Response: 45Hz - 22kHz
- Impedance: 8Ω
- Sensitivity: 88dB 1W/1m
- Bookshelf Design
- Dimensions (H x W x D): 11¹/₂" x 6¹/₄" x 8⁵/₈"

Infrared Kits



IR Shelf Top Kit

U/M
Each

Contains all components needed for a one room system setup. Includes the following IR components:

- (1) IR Shelf Top Receiver
- (1) IR Router
- (1) IR Power Supply~200mA
- (4) IR Single Flashers



IR Plasma Kit

U/M
Each

Contains all components needed for a one room system setup. Includes the following IR components:

- (1) IR Plasma Receiver
- (1) IR Router
- (1) IR Power Supply~200mA
- (4) IR Single Flashers

Infrared Kits



IR Mini-wht Kit

U/M
Each

Contains all components needed for a one room system setup. Includes the following IR components:

- (1) IR Mini-wht Receiver
- (1) IR Router
- (1) IR Power Supply–200mA
- (4) IR Single Flashers



IR Mini-blk Kit

U/M
Each

Contains all components needed for a one room system setup. Includes the following IR components:

- (1) IR Mini-blk Receiver
- (1) IR Router
- (1) IR Power Supply–200mA
- (4) IR Single Flashers



IR Fish Eye Kit

U/M
Each

Contains all components needed for a one room system setup. Includes the following IR components:

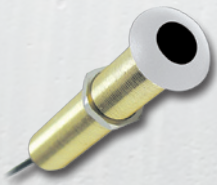
- (1) IR Fish Eye Receiver
- (1) IR Router
- (1) IR Power Supply–200mA
- (4) IR Single Flashers

Infrared Systems

IR Plasma Receiver

Super small, surface-mount IR plasma receiver. Two-piece design separates the receiver from the "Smart Circuit" electronics package for clean looking installation. The "Smart Circuit" blocks interference from plasmas or CFLs. LEDs indicate system status and IR activity. IR Terminal included for easy, no-cut connection.

U/M
Each



IR Fish Eye Receiver

Flush-mount IR receiver features Ambient Noise Suppression and LEDs to indicate system status and IR activity. Includes four flavors of bezels (white, black, almond, and bone) and two Ambient Light Restrictor (ALR) bezels for severe plasma or CFL environments. IR Terminal included for easy, no-cut connection.

- Dimensions (Dia x L) : $1\frac{5}{32}$ " x $2\frac{5}{8}$ "
- Color Bezel (Dia x L): $4\frac{7}{64}$ " x $\frac{1}{8}$ "

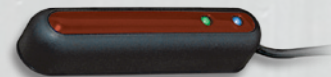
U/M
Each

IR Mini Receiver-blk

Surface-mount mini IR receiver features Ambient Noise Suppression and LEDs to indicate system status and IR activity. IR Terminal included for easy, no-cut connection.

- Dimensions (L x W x D) : $2\frac{9}{16}$ " x $1\frac{1}{32}$ " x $\frac{9}{16}$ "

U/M
Each



IR Shelf Top Receiver

Shelf-top IR receiver features Ambient Noise Suppression and LEDs to indicate system status and IR activity. IR Terminal included for easy, no-cut connection.

- Dimensions (L x W x D): $1\frac{1}{8}$ " x $3\frac{3}{16}$ " x $1\frac{1}{16}$ "

U/M
Each

IR Shelf Top ALR Receiver

Shelf-top IR receiver with Ambient Light Restrictor (ALR). ALR minimizes interference from plasma and CFL environments. Features LEDs to indicate system status and IR activity. IR Terminal included for easy, no-cut connection.

- Dimensions (L x W x D): $1\frac{1}{8}$ " x $3\frac{3}{16}$ " x $1\frac{1}{16}$ "

U/M
Each



Infrared Systems



IR Router

U/M
Each

Central router for all Proficient IR systems. Controls IR receivers and IR Flashers. Equipped with 3.5mm mini jacks for quick connection of IR Receivers and Flashers. Multiple IR Routers can be cascaded for additional IR Flasher output jacks.

IR Power Supply–200mA

U/M
Each

12V DC, 200mA regulated power supply designed for use in small to moderate IR systems. Powers the IR Receivers, IR Router, IR Hub and IR Flashers.



IR Power Supply–1.2A

U/M
Each

12V DC, 1.2 Amp regulated power supply designed for use in larger IR systems. Powers the IR Receivers, IR Router, IR Hub and IR Flashers.

IR Single Flasher

U/M
Each

LED flashes red to indicate operation. Features docking port which allows quick installation of IR Flasher on a component, as well as easy removal of IR Flasher. Includes an 8' wire for painless hookup to IR Router or IR Hub.



IR Dual Flasher

U/M
Each

LEDs flash red to indicate operation. Features docking ports which allow quick installation of IR Flashers on components, as well as easy removal of IR Flashers. The Dual IR Flasher splits to two 8' wires for easy hookup to IR Router or IR Hub.

Speaker Selectors



SS8P

U/M
Each

Eight-pair resistor-based on/off speaker selector provides quick, convenient access for up to eight stereo pairs. 125 watts power handling per channel, rear override switch for circuit protection and suction feet for stable operation.

- Power Handling: 125 watts per channel
- Frequency Response: 20Hz - 20kHz
- Protection: Front mounted switch & rear override
- Includes Area Labels
- Dimensions (H x W x D): 2 $\frac{3}{16}$ " x 17" x 6 $\frac{13}{32}$ "



SS4P

U/M
Each

Four-pair resistor-based on/off speaker selector provides quick, convenient access for up to four stereo pairs. 125 watts power handling per channel, rear override switch for circuit protection and suction feet for stable operation.

- Power Handling: 125 watts per channel
- Frequency Response: 20Hz - 20kHz
- Protection: Front mounted switch & rear override
- Includes Area Labels
- Dimensions (H x W x D): 2 $\frac{3}{16}$ " x 8 $\frac{3}{8}$ " x 6 $\frac{13}{32}$ "

Volume Controls



VC60i

U/M
Each

60-watt impedance-balancing volume control with autoformer. Features quick & secure wire connecting system. Fits in most single-gang J-boxes and plaster rings. Includes white, bone and almond plates, inserts and knobs.

- Power Handling: 60 watts continuous
120 watts peak music power
- Frequency Response: 20Hz - 20kHz
- Steps: 12 (make before break)
- Total Attenuation: 42dB (max)
- Depth: 2½" behind plate

VC45i

U/M
Each

45-watt impedance-balancing volume control with autoformer. Features removable wire block terminal for easy connection. Fits in most single-gang J-boxes and plaster rings. Includes white, bone and almond plates, inserts and knobs.

- Power Handling: 45 watts continuous
90 watts peak music power
- Frequency Response: 20Hz - 20kHz
- Steps: 10 (make before break)
- Total Attenuation: 42dB (max)
- Depth: 2½" behind plate



VCS60

U/M
Each

60-watt stereo volume control with autoformer. Features quick & secure wire connecting system. Fits in most single-gang J-boxes and plaster rings. Includes white, bone and almond plates, inserts and knobs.

- Power Handling: 60 watts continuous
120 watts peak music power
- Frequency Response: 20Hz - 20kHz
- Steps: 12 (make before break)
- Total Attenuation: 42dB (max)
- Depth: 2½" behind plate

VC60SL

U/M
Each

60-watt slider stereo volume control with removable screw down wire terminal design. Fits in most single-gang J-boxes and plaster rings. Includes white, bone and almond plates, inserts and sliders.

- Power Handling: 60 watts continuous
120 watts peak music power
- Frequency Response: 20Hz - 20kHz
- Steps: 12 (make before break)
- Total Attenuation: 42dB (max)
- Dimensions (H x W x D): 4" x 1⅝" x 3⅛"



VC60AW

U/M
Each

60-watt weather-resistant volume control sealed against dust and moisture. Fits onto ¾" conduit or can be surface mounted. Available in Gray.

- Power Handling: 60 watts continuous
120 watts peak music power
- Frequency Response: 20Hz - 20kHz
- Steps: 12 (make before break)
- Total Attenuation: 42dB (max)
- Dimensions (H x W x D): H 4½" x W 2¾" x D 3½"

Pre-Construction Brackets



PCB-C1000

U/M
Pair

The PCB-C1000 bracket is designed for new construction and retrofit installations. The PCB-C1000 is included with each C1030 and is available separately.

For safety reasons, the PCB-C1000 is required for all installations.



PCB-MDS

U/M
Pair

One pair of pre-construction brackets for new construction. Fits MDS and MDS2 Multiple Dwelling Speakers.

**Shipping
Q2 '08**



**Shipping
Q2 '08**

MDS Back Plates

U/M
Six

Six reversible back plates for installing MDS speakers onto a J-Box. Fits MDS and MDS2 Multiple Dwelling Speakers.

Pre-Construction Brackets



PCB-IW500

One each pre-construction bracket for new construction. Fits IW550 and IW525 inwall LCR speakers.

E U/M
ach

PCB-C800

One pair of pre-construction brackets for new construction. Fits C790, C800, C850, C800TT and C850TT ceiling speakers and C870 LCR ceiling speaker.

U/M
Pair

PCB-C600

One pair of pre-construction brackets for new construction. Fits C605, C610, C620, C640, C645 and C600TT ceiling speakers and C650 and C660 LCR ceiling speakers.

U/M
Pair



PCB-C500

One pair of pre-construction brackets for new construction. Fits C500 ceiling speakers.

U/M
Pair



PCB-W800

One pair of pre-construction brackets for new construction. Fits W800 and W850 inwall speakers.

U/M
Pair

PCB-W600

One pair of pre-construction brackets for new construction. Fits W665, W670, W680 and W690 inwall speakers.

U/M
Pair

PCB-C800 Extension Wings

One pair of 15" extension wings for PCB-C800 pre-construction brackets.

U/M
Pair

PCB-C600 Extension Wings

One pair of 15" extension wings for PCB-C600 pre-construction brackets.

U/M
Pair



PCB-C500 Extension Wings

One pair of 15" extension wings for PCB-C500 pre-construction brackets.

U/M
Pair

Ceiling Tile Brackets

CTB-C800

U/M
Each

One each ceiling tile bracket used in drop ceiling and T-bar type ceiling applications. Fits C790, C800, C850, C870, C800TT and C850TT ceiling speakers.

CTB-C600

U/M
Each

One each ceiling tile bracket used in drop ceiling and T-bar type ceiling applications. Fits C605, C610, C620, C640, C645, C650, C660 and C600TT ceiling speakers.



Speaker Cover Plates

CPC-800

U/M
Pair

One pair of white cover plates for C790, C800, C850, C870, C800TT and C850TT ceiling speakers.

CPC-600

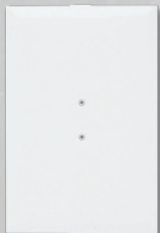
U/M
Pair

One pair of white cover plates for C650 and C660 LCR speakers and C600TT, C605, C610, C620, C640 and C645 ceiling speakers.

CPC-500

U/M
Pair

One pair of white cover plates for C500 ceiling speakers.



CPW-600

U/M
Pair

One pair of white cover plates for W665, W670, W680 and W690 wall speakers.

Back Boxes



BB-IWS10

U/M
Each

Medium Density Fiberboard (MDF) back box for the IWS10 sub, designed to fit any standard 16" stud bay. Cuts down on translational energy vibration between adjacent walls. The IWS10 sub is tuned to the BB-IWS10 back box.

- Dimensions (H x W x D): 42 $\frac{3}{4}$ " x 14 $\frac{3}{8}$ " x 3 $\frac{1}{4}$ "

BB-C800

U/M
Each

One metal back box for C790, C800, C850, C870, C800TT and C850TT ceiling speakers. **UL 263-03 1-hour fire rating.**



BB-C650

U/M
Each

One metal back box for C650 and C660 LCR ceiling speakers and C605, C610, C620, C640, C645 and C600TT ceiling speakers. CMB-24 mounting bars are needed when installing in ceiling joists 24" on-center or suspended ceilings. **UL 263-03 1-hour fire rating.**



BB-W600

U/M
Each

One metal back box for W665, W670, W680 and W690 inwall speakers. **UL 263-03 1-hour fire rating.**

CMB-24

U/M
Pair

One pair of ceiling mounting bars slip into clips on BB-C650 back box. For installation in ceiling joists 24" on-center or suspended ceilings.





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Audio Systems

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