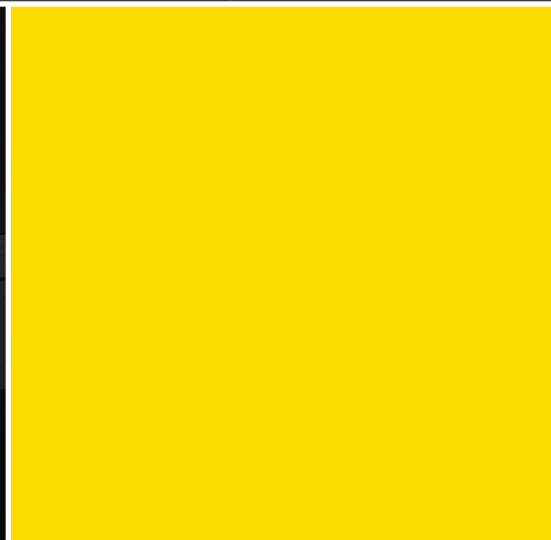




2011

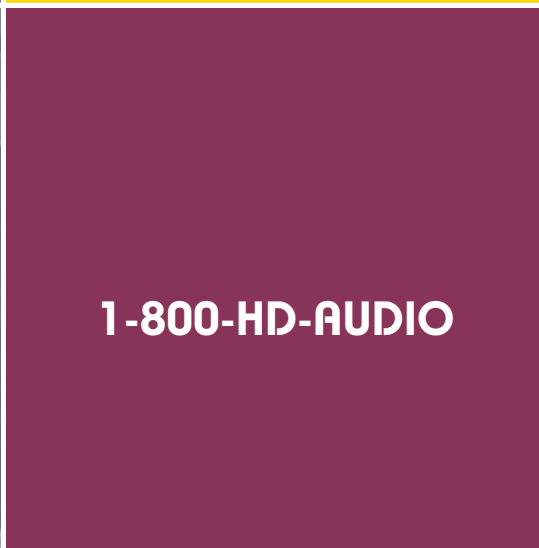
Custom Installation Product Guide

Revised September 2010

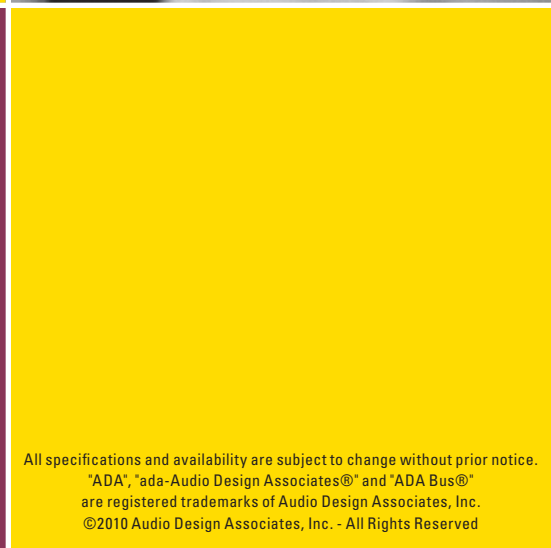


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1-800-HD-AUDIO



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THEATER PREAMPS & EQ

CINEMA RHAPSODY MACH IV & MACH IV B

- 8 HDMI Inputs & Dual Mirror Outputs w/HDMI Equalization
- 8 Analog & 8 Digital Audio Inputs (5 Coax, 3 TOS-Link)
- 2nd Crossover (set speakers full-range with bass to sub)
- 8 Channel Analog Audio Bypass Input (Uses 2nd X-Over)
- Ethernet LAN Port & ADA Bus Port, 2 Prog. L.V. Triggers
- 23 lbs - 3.5"H x 19"W x 16.5"D

Cinema Rhapsody Mach IV

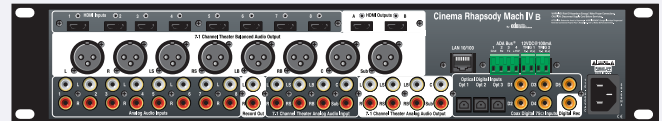
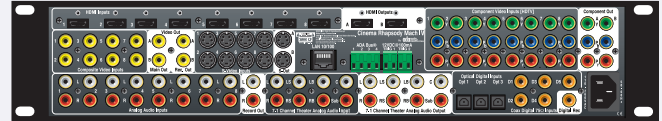
- 8 Composite & 8 S-Video & 8 Component Video Inputs
- Video Loop - Integrate External Video Processor/Scaler

Cinema Rhapsody Mach IV B

- 8 Channel Balanced Audio Output

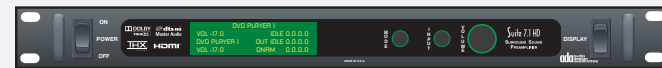


New!

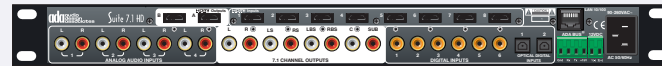


SUITE 7.1 HD CONTROLLER

- 8 HDMI Inputs with HDMI Equalization
- Dual Mirror Outputs with HDMI Equalization
- 6 Digital Audio Coax Inputs
- 2 TOS-Link Optical Digital Audio Inputs
- Ethernet LAN Jack
- ADA Bus Data Port
- 12VDC Low Voltage Trigger (for Power Amplifier)
- 15 lbs - 1.75"H x 19"W x 14"D



New!



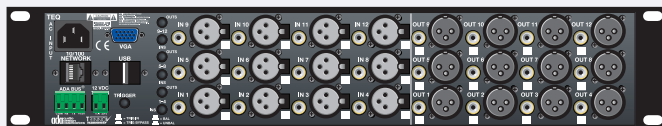
TEQ-12, TEQ-8, & TEQ-4 TRINNOV EQ

- 4, 8 or 12 Channel Trinnov based Equalizer
- Full featured optimizer functions
- Synchronization of volume with ADA preamplifiers
- Remapping of speakers (7.1 channels in to 12 channels out)
- Uses four-microphone acoustic probe for 3D imaging
- Selectable Balanced or Unbalanced inputs
- Selectable Balanced or Unbalanced outputs
- VGA connector for external monitor
- USB port for external mouse
- LAN connection for remote access and control
- ADA Bus connection for integration with ADA preamps
- Front panel control of volume
- Front panel control of specific optimizer features

**TRINNOV
OPTIMIZER**



New!



XLRX-8 & XLRR-8 BALANCED CONVERTERS

- XLRX-8 Unbalanced to Balanced 8 Channel Converter
- XLRR-8 Balanced to Unbalanced 8 Channel Converter
- Transformerless Design
- 10 lbs - 1.75"H x 19"W x 8"D



INTEGRATION CONVERTERS

ISO-CAT-2 RS-232 CONVERTER

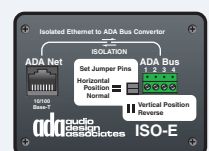
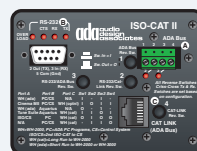
- RS-232 to ADA Bus Converter w/clear-to-send (full 9pin D)

ISO-USB USB CONVERTER

- USB to ADA Bus Converter

ISO-E ETHERNET CONVERTER

- Ethernet (LAN) to ADA Bus converter

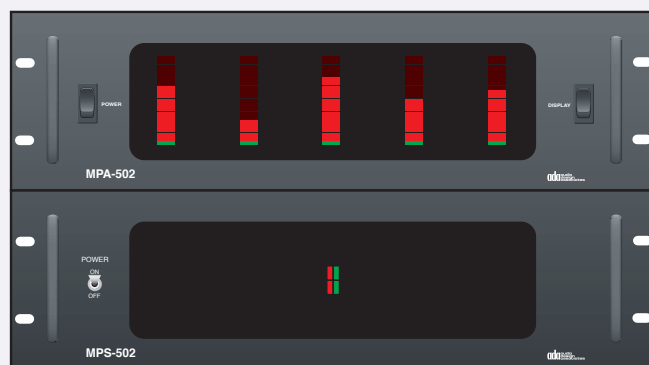


THEATER PREAMPS & AMPLIFIERS

502 AND 150 SERIES POWER AMPS

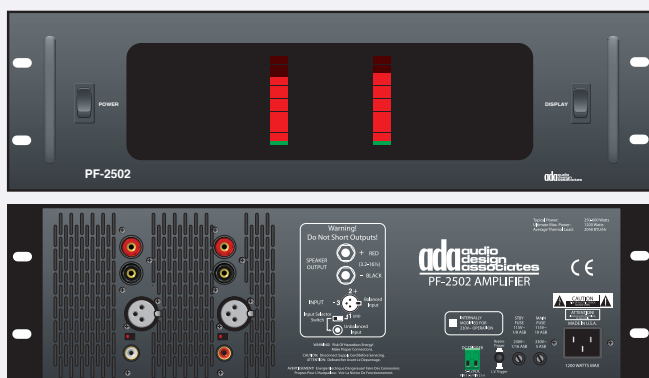
MPA-502 5-CHANNEL AMP w/BAL INPUTS

- Audiophile Config. w/Independent Power Supply
- New - Balanced and Unbalanced Audio Inputs
- New - IC Controlled Slow-Turn-On Circuit & L.V. Trigger
- 2.5 Kilo-Watt Total Power Output
- 1/2 Farad Total Capacitance
- 5-Way Binding Post Speaker Terminals
- Low Noise Fan Cooling
- Separate Power Supply w/Military-Grade Interconnect
- 0.09% THD
- 450 Watts Per Channel @ 4Ω (Stable to 2Ω)
- MPA-502 - 46 lbs - 5.25"H x 19"W x 19"D
- MPS-502 - 54 lbs - 5.25"H x 19"W x 16.5"D



PF-2502 2-CHANNEL AMP w/BAL INPUTS

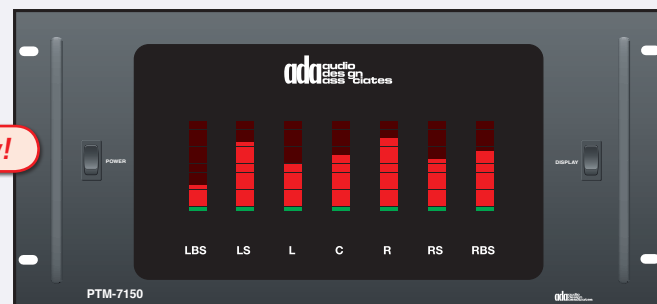
- Ultra-High Power 2 Channel High-Current Amp
- Balanced and Unbalanced Audio Inputs
- 5-Way Binding Post Speaker Terminals
- Low Voltage Turn-On Trigger
- 2 Kilo-Watt Total Power Output
- 1/4 Farad Capacitance
- 450 Watts Per Channel @ 4Ω x 2 Channels, Stable to 2Ω
- 65 lbs - 5.25"H x 19"W x 16.5"D



PTM-7150 & PTM-5150 WHISPER AMPS

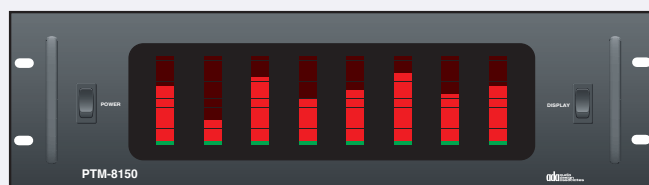
- Seven or Five Channel High Current Power Amplifier
- Whisper Quiet Fan Cooling System
- Balanced and Unbalanced Audio Inputs
- 5-Way Binding Post Speaker Terminals
- Low Voltage Turn-On Trigger
- Low-Noise Fan Cooling
- 1/4 Farad Total Capacitance
- 1500W Low Noise Toroidal Power Transformer
- 150W per Ch. @ 8Ω, 250W per Ch. @ 4Ω, stable to 2Ω
- 80 lbs - 8.75"H x 19"W x 16.5"D

New!



PTM-8150 8-CHANNEL POWER AMP

- Eight Channel High Current Power Amplifier
- PAC Module (Programmable Amp Controller) to assign channels to zone triggers
- Low-Noise Fan Cooling
- 1/4 Farad Total Capacitance & 1500W Power Supply
- 250W per Ch. @ 4Ω, 150W per Ch. @ 8Ω, stable to 2Ω

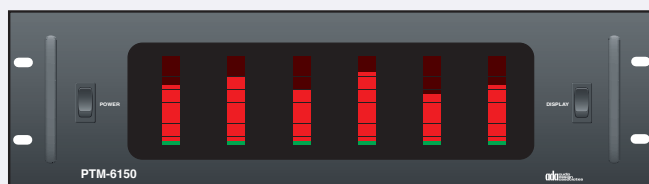


- 67 lbs - 5.25"H x 19"W x 16.5"D

ada-pac
Programmable Amp Controller

PTM-6150 6-CHANNEL POWER AMP

- Six Channel High Current Power Amplifier
- Low Voltage Turn-On Trigger
- Low-Noise Fan Cooling
- 1/4 Farad Total Capacitance
- 1500W Low Noise Toroidal Power Transformer
- 150W per Ch. @ 8Ω, 250W per Ch. @ 4Ω, stable to 2Ω
- 63 lbs - 5.25"H x 19"W x 16.5"D



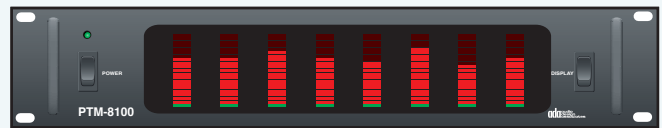
ada-pac
Programmable Amp Controller

MULTI-ROOM AMPS AND ACCESSORIES

MULTI-ROOM AMPLIFIERS

PTM-8100 AUDIOPHILE 8-CH. POWER AMP

- PAC Module (Programmable Amp Controller) to assign channels to zone triggers
- Ultra Low Noise 8-Channel Audiophile Output
- Front Panel Multi-Segment LED Output Display
- Available w/o front panel LED Display (BAB Version)
- 33 lbs - 3.5"H x 19"W x 16.5"D



- 75W per Ch. @ 8Ω, 140W per Ch. @ 4Ω (Stable to 2.5Ω)

ada-pac
Programmable Amp Controller

PTM-850 8-CHANNEL POWER AMP

- Eight Channel Single-Rack Space Power Amplifier
- Front Panel Multi-Segment LED Output Display
- Available without front panel LED Display (BAB Version)
- Low Voltage Turn-On Trigger for Channel Pairs
- 28 lbs - 1.75"H x 19"W x 16.5"D

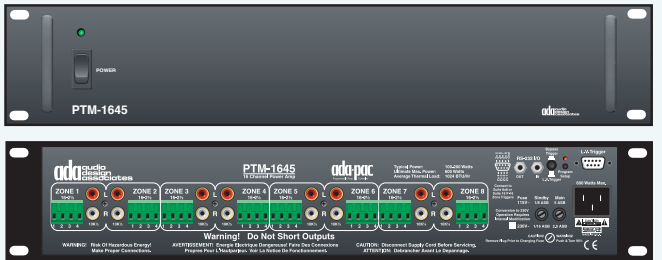


- 60W per Ch. @ 8Ω, 85W per Ch. @ 4Ω (Stable to 4Ω)

PTM-1645 16-CHANNEL POWER AMP

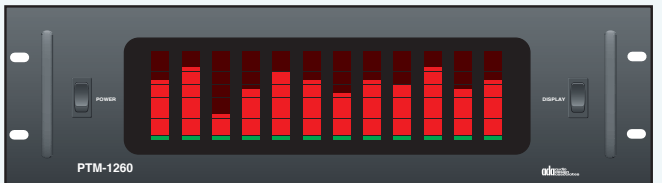
- 16 Channels/8 Zones of Amplification - 2 Rack Spaces
- Low Noise Fan Cooling
- PAC Module - Assign Amp Channels to Zone Triggers
- Use one PTM-1645 with Suite 8x8
- Use two PTM-1645s with Suite 16
- 33 lbs - 3.5"H x 19"W x 16.5"D

ada-pac
Programmable Amp Controller



PTM-1260 BRIDGEABLE 12-CH. POWER AMP

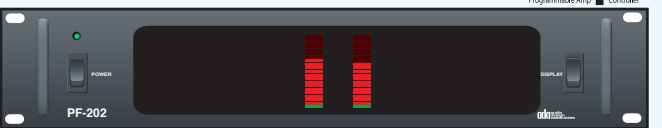
- 12 Channels/6 Zones Power Amplifier Amplification
- Bridgeable to 10, 8, and 6 Channels
- PAC Module - Assign Amp Channels to Zone Triggers
- Unbridged 135W @ 4Ω, 75W @ 8Ω, Stable to 2Ω
- Bridged 390W/Ch. @ 4Ω, 265W/Ch. @ 8Ω, Stable to 4Ω
- 65 lbs - 5.25"H x 19"W x 16.5"D



ada-pac
Programmable Amp Controller

PF-202 LOW IMPEDANCE MOSFET AMP

- Stable Down to 1/2Ω w/Low Voltage Turn-On Trigger
- 0.09 % THD, 60 W per Ch. @ 8Ω, 240 W per Ch. @ 0.5Ω
- 45lbs, 3.5"H x 19"W x 16.5"D



COMMON MULTI-ROOM ACCESSORIES

CONTROL SUITE - WHEN USING ADA KEYPADS

- Features built-in IRL, WH-2000, CMB-1, BRT-1, ISO-CAT-2
- 10 lbs. - 1.75"H x 19"W x 14"D

ACC-48 - FOUR SOURCE SWITCHED AC OUTLET

- Use with ADA tuners - sources turn on & off when used

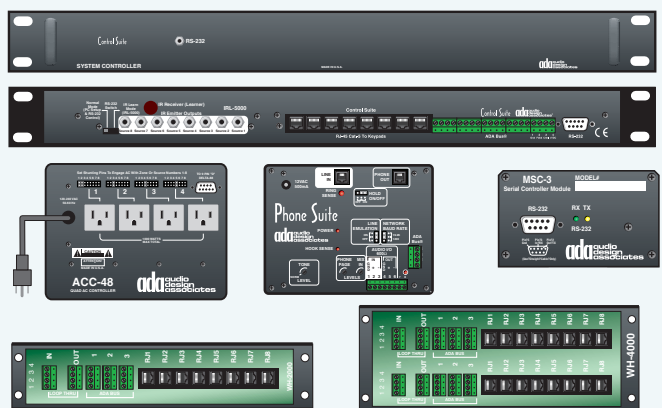
PHONE SUITE - CONTROL & PAGING INTERFACE

MSC-3 - MUSIC SERVER CONTROLLER

- ADA Keypads - Kaleidescape, Request, & Escient Servers

WH-2000, WH-3000 & WH-4000 WIRE HARNESES

- For ADA Bus and ADA keypad & touchscreen wiring



MULTI-ROOM AUDIO/VIDEO SYSTEMS

SUITE 16 & SUITE 32

SUITE 16 & SUITE 32 SOLUTIONS

SUITE 16 FEATURES

- Distributes 16 Global Sources + 16 Local Sources
- Expandable to 96 Zones & uses all Suite cards
- AVP-16 chassis houses up to 8 Suite Cards (all varieties)
- 26 lbs. - 5.25"H x 19"W x 20"D

SUITE 32 FEATURES

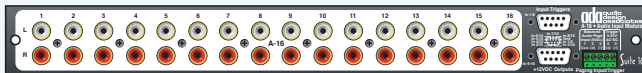
- Distributes 16 or 32 Global Sources (system-wide)
- Can distribute 16 Local Sources to their 16 zones (x3)
- Can mix Global & Local Sources - up to 64 sources (48zns)
- Uses up to 2 x A-16 Audio Input Cards (Source Bus A & B)
- AVP-32 chassis houses up to 8 Suite Cards (all varieties)
- Houses up to 8 cards (A-16, P-16g, SR-16, V-16, HDTV-16)
- 45 lbs. - 14"H x 19"W x 20"D

SUITE 32 & SUITE 16 COMMON FEATURES

- Incredible sonic clarity and expansive preamplifier control
- Pin to pin compatible with Crestron RMC and RMLCVs
- Extremely configurable for both central and local inputs
- Integrates with any control system flawlessly

A-16 AUDIO INPUT CARD

- Up to one card for Suite 16, up to two cards for Suite 32
- 16 Analog Audio Inputs with Trim Level Balancing + paging



P-16G PREAMPLIFIER CARD & P-32 MODULE (OPTIONAL)

- 16 Zones Stereo Preamplified Outputs w/LV zone triggers
- Requires P-32 input expansion module for inputs 17-32



SR-16 TWO-WAY CAT-5 BALANCED AUDIO CARD

- Lower row Cat-5 - balanced audio out (fixed, variable sub)
- Lower row Cat-5 - balanced audio return (remote sources)
- Cat-5 2-way audio works with SRS-L, SRS-A & RMLCV
- Upper row Cat-5 - provides communication to SRS-A
- SR-16 is mounted to P-16g and must be ordered together



V-16 COMPOSITE VIDEO SWITCHING CARD

- 16 x 16 100MHz Video Switcher with Hi-Z Termination



HDTV-16 HD VIDEO & DIGITAL AUDIO SWITCHER

- HD Video (220MHz) & Digital Audio Cat.-5 16 x 16 Switcher
- Works with VCT-4, VCT-32, VCR-4, & Crestron CNXRMCLV



SRS-L SUITE ROOM SOLUTION - LINE LEVEL

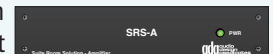
- Two-way Cat-5 balanced audio balun



New!

SRS-A SUITE ROOM SOLUTION - AMPLIFIER

- Two-way audio & communication
- 2 local audio inputs & preamp out
- Internal power amplifier
- Play's one local sources and can return the second audio input



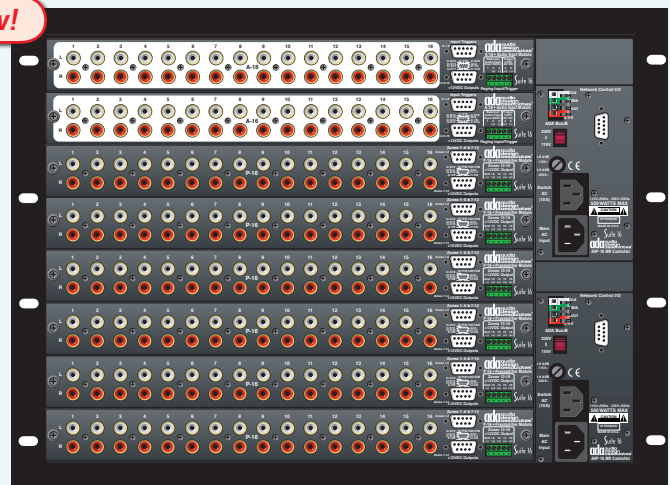
VCT-4AF & VCR-4AF BALUN

- Compensation & Gain Adj.



VCT-32 VIDEO TO CAT-5 CONVERTOR

- Converts up to 8 sources to Cat-5 (four-band video, 3RU)



MULTI-ROOM RECEIVERS & SUITE 8X8

SUITE 8000, SUITE 4000 & SUITE 8X8

SUITE 8000 MULTI-ROOM RECEIVERS

- Dual Internal Radio Tuner Modules - Internet Radio, XM, Sirius or HD Radio - Analog AM/FM Radio Optional
- 8 Stereo Audio Source Inputs (including Tuners)
- ADA Paging Input & Low Voltage Paging Trigger
- 8 Zones Preamplification with Line-Level Outs (fix or var)
- 8 Zones High Current Class A/B Power Amplification
- Current limiting power amplifier doubles output at 4 Ohms
- Power amplification stable down to 4 ohms (2 pr @ 8 Ohms)
- Amplifier and preamplified outputs work simultaneously
- Expandable to up to 16 zones & 4 tuners (two chassis)
- Built-in rear panel RS-232 port for system integration
- Front panel mini-RS-232 port (overrides rear) for setup
- ADA Bus Connector - Works with all ADA Controls
- Variable Line-Level Subwoofer Outputs for Zones 1 & 2
- 25W/Ch @ 8Ω, 45W/Ch @ 4Ω
- 35 lbs. - 5.25"H x 19"W x 16.5"D

New!

Ideal for MDUs

SUITE 8600 FEATURES:

- Front panel control of all 8 (or 16 zones) and tuners
- Suite 8600s equipped w/Control Suite ADA Keypad board

SUITE 8400 FEATURES:

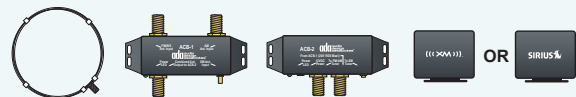
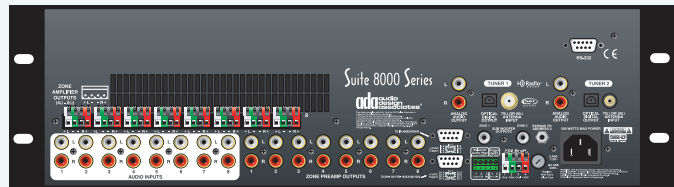
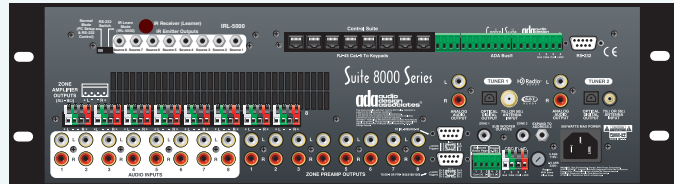
- Blank front panel with RS-232 port (1/8" stereo mini)
- Suite 8400s equipped w/Control Suite ADA Keypad board

SUITE 8300 FEATURES:

- Blank front panel with RS-232 port (1/8" stereo mini)
- Suite 8300s feature rear panel RS-232 port for integration

SUITE 8000 ANTENNA PACKAGE:

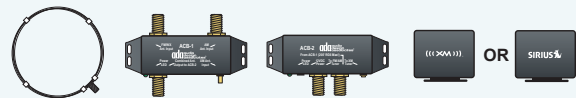
- AML-1 (w/AM/FM), ACB-1 & ACB-2, Sat Ant. (w/Sat Tuner)



SUITE 4000 MULTI-ROOM RECEIVER

- Dual Internal Radio Tuner Modules - Internet Radio, XM, Sirius or HD Radio - Analog AM/FM Radio Optional
- 4 Stereo Audio Source Inputs (including Tuners)
- ADA Paging Input & Low Voltage Paging Trigger
- 4 Zones High Current Class A/B Power Amplification
- Current limiting power amplifier doubles output at 4 Ohms
- Power amplification stable down to 4 ohms (2 pr @ 8 Ohms)
- Built-in rear panel mini RS-232 port for system integration
- Front panel mini-RS-232 port (overrides rear) for setup
- ADA Bus Connector & RJ-45 ADA Keypad connectivity (4)
- Line-level Out: sub, fixed, or var. (Zn 1) or bonus zone (Zn 5)
- 25W/Ch @ 8Ω, 45W/Ch @ 4Ω
- 25 lbs. - 1.75"H x 19"W x 16.5"D

Ideal for MDUs



SUITE 4000 ANTENNA PACKAGE:

- AML-1 (w/AM/FM), ACB-1 & ACB-2, Sat Ant. (w/Sat Tuner)

SUITE 8X8 • 8 SOURCES • 8 ZONES

- 8 Inputs, 8 Zones Preamplification. & Paging Input
- Front Panel Controller also available without (BAB version)
- Uses Same Amps & Accessories As Suite 16 System
- 20 lbs. - 1.75"H x 19"W x 14"D

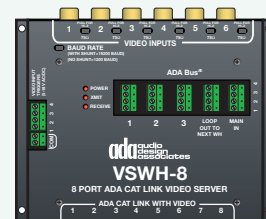
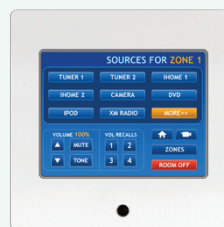


MULTI-ROOM KEYPADS & TOUCH SCREENS

TOUCH SCREENS & MUSIC CONTROLS

TS-5000 2-GANG COLOR TOUCH SCREEN

- Touch screen with live video-capable display
- Fits into a standard two-gang electrical box
- Extremely bright 3.9" TFT display
- Pre-programmed for all ADA components
- 4 and 5 line text from: iBase or ADA Tuners
- Optional video overlay for video sources and cameras (requires VSWH-8)
- Infrared receiver for control and IR repeating
- Can be used with other ADA keypads



TS-8611 SINGLE-GANG TOUCH SCREEN

- TS-8611 - Screwless metal plate (magnetic) - Single Gang
- TS-8611RF - Wireless Plastic RF version w/charger
- Now Playing page features five line text feedback from iPods (iBase), ADA tuners, and servers (MSC-3)
- 240 x 320 TFT LCD display with LED backlight



New!



MC-7000 MUSIC CONTROL

- Screwless metal face plate (magnetic), fits 2-gang box
- Five line graphic display for text feedback from iPods (iBase), ADA tuners, and servers (MSC-3)
- Built-in defeatable IR receiver for IR repeating
- Can select all inputs on Suite 16, skipping ones not needed



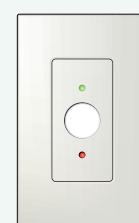
MC-6111 MUSIC CONTROL

- 1-Gang w/Readout and IR receiver for IR repeating
- Single Gang Control with TWO LINE yellow display
- Mode button access to most MC-7000 & MC-4500 features
- Can select all inputs on Suite 16, skipping unused inputs
- Green/Red (red=active status) LED backlit buttons



MC-KNOB MUSIC CONTROL

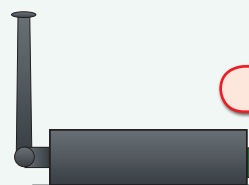
- Single-Gang Electronic Volume Control & Keypad
- Push Knob turns zone on to favorite source
- Press Knob advances through inputs 1-8 skipping N/A Inputs
- Press & Hold Knob for Room Off & All Off - All Off is optional
- Built-In IR Receiver (IR Repeating) & LED Room Status



New!

RFT-4000 RF TRANSCEIVER & KEYPAD MOD

- RFT-4000 Mainframe RF Transceiver (typically 1 per system)
- RFT-4000 in Black Box (ADA Bus) or Decora Plate (Cat-5)
- RFT-MOD Keypad Modification (per Keypad)
- 900' line of site range. Call for high-power version pricing.



New!



MC-6011OD ALL WEATHER KEYPAD

- Mount Without a Cover Box - White Plate - 2 Gang
- Red LED display that reads in sunlight
- Military spec. rubber buttons
- Designed for installation in water-tight electrical boxes
- Requires no cover plate
- Operates similar to MC-6011 & MC-7011



SOURCES

TUNERS & IPODS

QUADRTUNE TUNE SUITE CHASSIS

- Holds up to 4 Tuner Modules (sold separately, see below)
- 17 lbs. - 3.5"H x 19"W x 14"D

TUNE SUITE PACKAGES:

- Includes Quadritune chassis, ACB-1 & ACB-2 Antenna Combiner, AML-1 AM Antenna, and Sat. Radio Antenna
- Package 1 includes one Standard AM/FM/WX Radio and one XM Radio or Sirius Radio Module
- Package 2 includes two premium tuner modules: HD Radio Module, XM Radio or Sirius Radio

DUO TUNER CHASSIS

- Holds up to 2 Tuner Modules (sold separately, see below)
- 10 lbs. - 1.75"H x 19"W x 14"D

DUO TUNER PACKAGES:

New!

- Includes: Duo, ACB-1, ACB-2, AML-1 & XMA-1 or SMA-1
- Package 1: Regular AM/FM & XM or Sirius Tuner
- Package 2: Two premium tuners: HD AM/FM, XM, or Sirius

TSS-1 SINGLE TUNER MODULE

- Houses 1 Tuner Module (sold separately)

IRM-1 INTERNET RADIO MODULE

- Internet Radio featuring Shoutcast Service

XMM-1 XM SATELLITE MODULE*

- XM Tuner Module w/Text Feedback of Artist, Song, etc.

SSM-1 SIRIUS SATELLITE MODULE*

- Sirius Tuner Module w/Text Feedback of Artist, Song, etc.

SAT-DO MODULE

- Optical Digital Audio Output Module for Sirius or XM Radio

IBASE

IBASE FEATURES:

- R&L Audio, Composite Video & Component Video Outputs
- Integration requires iBase eXtender
- Local & Remote control push button toggle switch
- Several light modes with push button toggle switch
- 4.75"H x 6.25"W x 3.5"D

IBASE EXTENDER KIT

- Includes iBase eXtender, Wall Plate, and RJ-50 cable

IBASE EXTENDER WP (WALL PLATE)

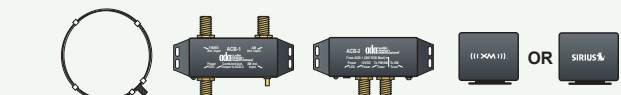
- Single-gang wall plate with RJ-50 Connector (to iBase)

IBASE EXTENDER

- Connects to the iBase eXtender WP over Cat.-5 (500').
- 2.25"H x 3.5"W x 5"D

IBASE RACK KIT

- 4 Rack Unit Mounting Kit for iBase
- 7"H x 19"W x 7"D



TFM-1 FM/AM/WEATHERBAND MODULE

- Tri-Band Tuner Module with 30 Presets - PC Loadable
- Analog Stereo Audio Output

HDM-1 DIGITAL RADIO MODULE

New!

- HD Tuner Module w/Text Feedback of Artist, Song, etc.
- Analog Stereo & Optical Digital Audio Outputs
- Multi-Cast Capable

*XM & Sirius Radio requires additional monthly subscription

