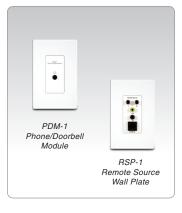


## **RTI Audio Distribution Systems**





#### **RTI Control System**



# **CP-450**

### Four Channel Power Amplifier

Keep the party going out by the pool! With all the power you need to bring the music to every room and outdoor space, RTI amplifiers enhance the listening experience, delivering entertainment wherever you go.

The CP-450 easily and cost effectively expands the capabilities of an RTI AD-4x and AD-8x Audio Distribution System. The amplifier utilizes Cool Power® technology for superb sonic performance, pumping out 50 watts per channel - doubling the output power of an RTI audio distribution system. This extra power is perfect for zone expansion and larger rooms or outdoor areas that need more volume to fill the space with high quality audio.

Matched with the RTI control ecosystem, you have a complete solution for distributed audio in residential and commercial spaces. So go ahead and put RTI technology to the test - you'll never miss a beat.

# **Key Features**

- Four channel amplifier utilizes Cool Power® technology.
- Power output is 50W per channel.
- Easily expands the RTI AD-4x and AD-8x audio distribution systems.
- · Compatible with virtually any audio distribution system.
- Power control via voltage trigger (3-30V AC/DC), RS-232 or IR.
- IR pass through port for cascading IR signal to additional amplifiers.
- Voltage trigger output for powering additional amplifiers.
- Rackmount or free standing installation.



# **Specifications**

AC Input Voltage	115VAC or 240VAC (Switchable), 230W
Power Switch	
Mounting	Rack mount or free standing
Dimensions (HxWxD) 2.1	in(53mm)x16.9in(430mm)x13.3in(340mm)
Weight	
Operating Temperature C	-10 to +40degrees, F +14 to +104 degrees
IR Input	One, 3.5mm, for IR control
IR Output	One, 3.5mm, for IR Passthrough
RS232 Port	One, Bidirectional control
Trigger Output	One, 12VDC, to trigger another CP-1650
Trigger Input	One, 3-30VDC, for power control
Speaker Outputs Two stereo output	ts, two channels each, phoenix connectors
Audio Inputs	Two stereo, RCA jacks (4)
Warranty	One Year (parts & labor)

#### Audio

Rated Power/Channel 50 Watts, 20Hz to 20KH.	z (RMS, 2 chan driven 8ohms)
Rated Power/Channel70 Watts, 20Hz to 20KH.	z (RMS, 2 chan driven 4ohms)
IHF Dynamic Power	. 80 Watts/1KHz at 8 ohm load
	120 Watts/1KHz at 4 ohm load
Total Harmonic Distortion @50W/8 ohms & 70W/4 ohms	s 0.5%
Total Harmonic Distortion @1W/8ohm	0.05%
S/N @ Rated Power, IEC A-wtd, Source Input Shorted .	100dB
Frequency Response 20Hz to 20KHz @1W/8ohm	0dB +/- 0.5dB
Input Sensitivity	1W/8ohms, 140mV/1V
Input Impedance	22KOhms
Channel Separation @ Rated Power/1KHz	85dB
Crosstalk Between Sources @ Rated Power/1KHz	100dB
Crosstalk Between Zones @ Rated Power/1KHz	95dB

All features and specifications subject to change without notice



CP-450 Rear View

## **RTI User Interfaces**

RTiPanel	Mobile Software Interface (App)
Virtual Panel	PC Software Interface (App)
SURFIR	Companion Remote Control
T1-B+	Remote Control
T2i	Remote Control
T2x	Remote Control
T3x	Remote Control
RKM-1+	In-Wall Audio Distribution Keypad
RK1+	2-4-8 Button In-Wall Keypad
KX2	2.8 inch In-Wall Touchpanel Keypad
KX3	3.5 inch In-Wall Touchpanel Keypad
KX7	7 inch In-Wall Touchpanel
CX7	Countertop/Under-Cabinet Touchpane







#### **RTI Control Accessories**

,,,,	Control Accessories
RP-4	RF Control Processor
XP-3	<b>Advanced Control Processor</b>
XP-6	<b>Advanced Control Processor</b>
XP-8s	<b>Advanced Control Processor</b>
RM433	433MHz RF Antenna
ZM24	2.4GHz Zigbee Transceiver
CB-8	<b>Touchpanel Connecting Block</b>
CM-232	RS-232 Communication Modul
CPB-1	Control Port Connecting Block
ECB-5	IR Connecting Block
ESC-2	Ethernet to Serial Converter
IPE-4	IR Port Expander
PCM-4	Port Control Module
RCM-4	Relay Control Module
vIRsa Mouse	IR Emitter



## **RTI Audio Distribution**

AD-4x	Distributed Audio System
AD-8x	Distributed Audio System
CP-450	4 Channel Amplifier
CP-1650	16 Channel Amplifier



