CP-450

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.

RTI Audio Distribution Systems

PDM-1
Phone/Doorbell
Module

RSP-1
Remote Source
Wall Plate

RTI Audio Distribution Systems
AD-4x 4 Source - 4 Zone
AD-8x 8 Source - 8 Zone

RTI Control System

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.

www.rticorp.com

RTI

It's Under Control®

Specifications

AC Input Voltage .... 115VAC or 240VAC (Switchable), 230W

Power Switch .... Front Panel On/Off with LED

Mounting... Rack mount or free standing

Dimensions (HxWxD) .... 2.1in(53mm)x16.9in(430mm)x13.3in(340mm)

Weight 14lbs (6.4kg)

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 outputs, 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 20KHz (RMS, 2 chan driven 8ohms)

Rated Power/Channel .... 70 Watts, 20Hz to 20KHz (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...................................... 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 Touchpanel**

RTI Control Accessories

RP-4	**RF Control Processor**
XP-3	**Advanced Control Processor**
XP-6	**Advanced Control Processor**
XP-8s	**Advanced Control Processor**
RM433	**433MHz RF Antenna**
ZM24	**2.4GHz Zigbee Transceiver**
CB-8	**Touchpanel Connecting Block**
CM-232	**RS-232 Communication Module**
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**

It's Under Control®

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