PCM-8

PCM-8 Port Control Module

With eight multi-purpose output ports and an adjustable device ID, the PCM-8 provides the flexibility and expandability to increase the output capabilities of the RTI XP-8 Control Processor to accommodate larger projects. Each port provides IR routing capabilities, one-way RS232 communication and power sensing (with RTI accessory devices). Control from the RTI processor is communicated using the expansion RS-485 port which allows the MPIO ports of the PCM-8 to become a seamless extension of the processors existing ports.

Description

The PCM-8 allows the RTI control system to expand with the project. When all that is needed is additional ports for connection of infrared emitters or RS-232 cables, incorporating a PCM-8 is the answer. Used with RTI XP-8 Control Processors, the PCM-8 simply becomes an extension of the processor. This opens up the control options as well by providing support for IR routing and power sensing with RTI sensing modules. The PCM-8 can be enlisted to deliver solid reliable performance for large scale systems with an adjustable device ID allowing up to ten units to be used in a system to provide over 80 multi-purpose I/O ports.

Key Features

• Expands output port capabilities of the RTI XP-8 Control Processor.

• I/O ports are compatible with industry standard IR emitters, blasters, and repeater systems.

• All output ports incorporate both short-circuit and overload protection.

• Variable IR output on all ports.

• I/O ports support all optional RTI power sensing and communications modules.

• LED illuminates when ports are active.

• Control port for connection to RTI Control Processors.

• Adjustable device ID allows up to ten PCM-8 units in one system

• Sturdy steel construction.

• 12VDC power supply included.

Call 952-253-3100
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Specifications

Power Supply ....+12VDC, 1A

Multi-Purpose Output Ports ....Eight custom 3.5mm 4-conductor jacks

...............................Designed for RTI modules as well as industry-standard IR emitters

IR Output Drive.. 100mA maximum (per port, adjustable)

Infrared Frequency Transmission Range ....15kHz - 460kHz

Infrared Input .... Compatible with industry-standard repeaters and receivers

Control Port RS-485

Device IDs .... Ten , Rotary switch

Enclosure...Formed steel, black powder coating

Mounting..Wall-mount or free standing

Dimensions (W x H x D) .... 7.0in (179mm) x 5.25in (133mm) x 1.5in (38mm)

Weight ....1 lb. 9oz (726g)

Warranty ....One Year (Parts & Labor)

All specifications subject to change without notice

Installation Diagram

5775 12th Avenue East, Suite 180, Shakopee, MN 55379
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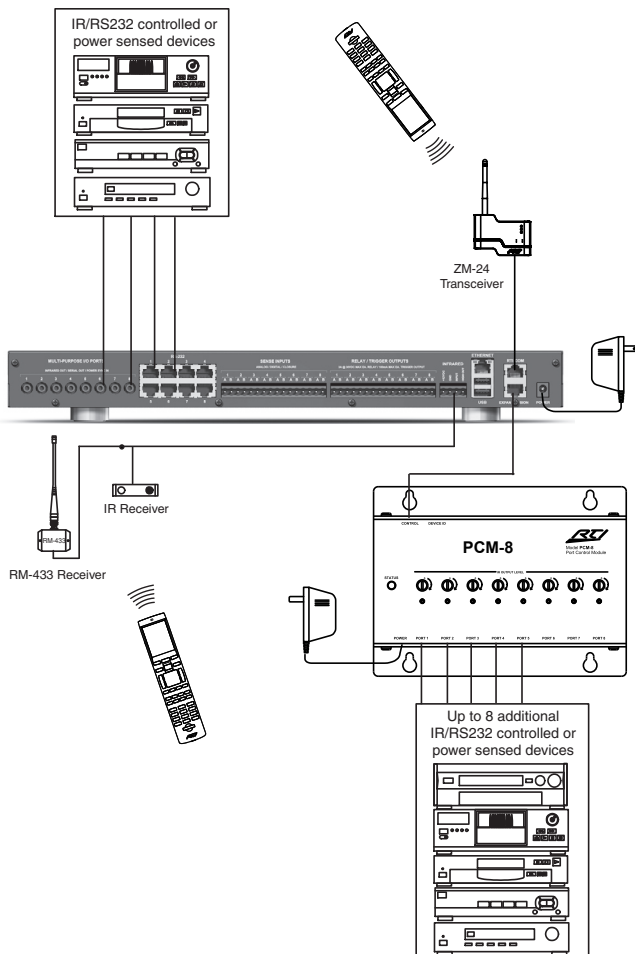
Processors / Accessories

XP-8	**Advanced Control Processor**
RCM-12	**Relay Control Module**
ECB-5	**IR Emitter Connecting Block**
CM-232	**RS-232 Communication Module**
VPS-1	**Voltage Power Sensor**
SPS-1	**Video Sync Power Sensor**

Other RTI Products

T1-B	**Universal System Controller**
M2	**Universal System Controller**
T2-B	**Universal System Controller**
T2-Cs	**Universal System Controller**
T2-C	**Universal System Controller**
T3-V	**Universal System Controller**
T4	**Universal System Controller**
U1	**Weather Resistant Controller**
U2	**Weather Resistant Controller**
RKM-1	**In-Wall Multi-Room Audio Keypad**
RK1	**In-Wall Keypad Controller**
RK2	**In-Wall Touchscreen Controller**
RK3	**In-Wall Touchscreen Controller**
K4	**In-Wall Touchscreen Controller**
IR-PRO	**Infrared Capture System**
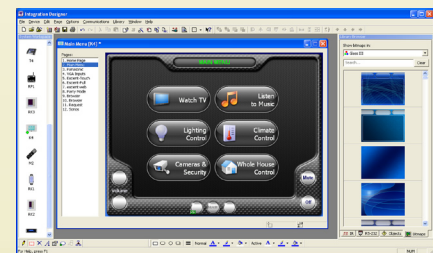
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