

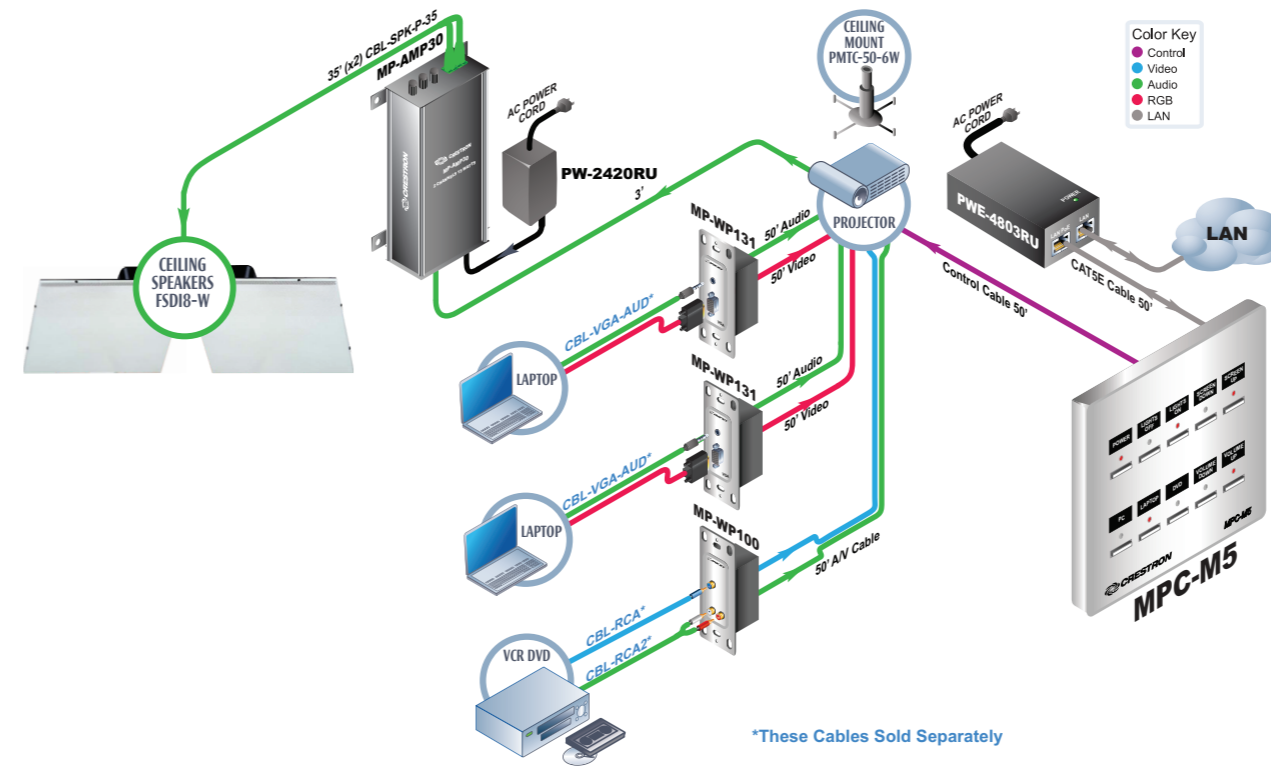
IntelliClass™ IC-300-CSP-P

Complete Classroom AV System Package

Crestron® IntelliClass™ systems provide educators with a simplified yet comprehensive classroom presentation solution that saves time and money. Designed to deliver the highest level of quality and convenience without using up the AV/IT budget, IntelliClass assembles all the vital pieces needed to outfit the classrooms for an engaging teaching experience.

IntelliClass makes it easy and affordable to install a quality projection system in every classroom, ending the days of wheeling in the AV cart, or forcing students to squint at a tiny TV screen. The IC-300-CSP-P package includes a professional wall mount controller, a pair of high-performance ceiling speakers, a compact stereo amplifier, a universal projector ceiling mount, wall plate inputs for (one) video and (two) VGA computer sources, cabling and connectors. Just add a preferred video projector and screen to complete the classroom presentation system. IntelliClass also integrates seamlessly with interactive whiteboards and wireless microphones.

The diagram to the right shows a typical IC-300-CSP-P system arrangement.



Tools Required - Not Supplied

- Hand-Held Drill
- Wire Cutter
- Wire Stripper
- Philips Screwdriver(s)
- Flathead Screwdriver(s)
- Compression Tool for supplied RCA and BNC connectors (Refer to footnote 3 in the table on this page.)

1 Verify Contents

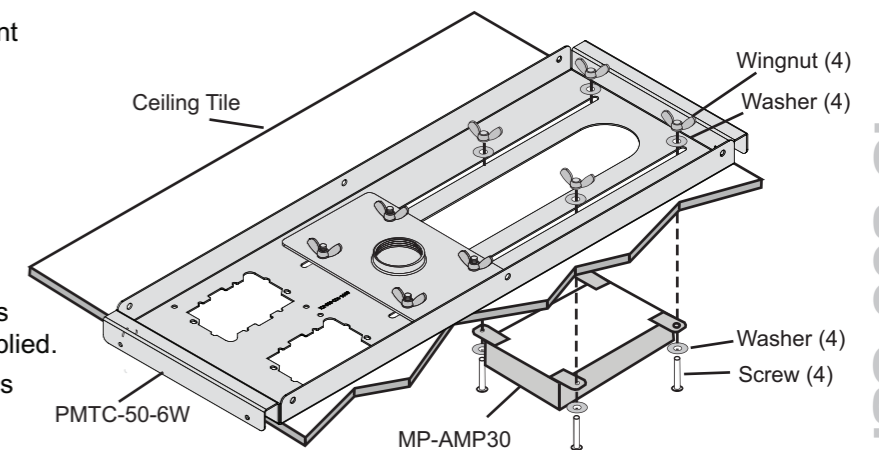
Before starting installation procedures, check the contents of the system package. The items that should have been received are listed in the following table. Retain all documents and parts supplied for use in the installation process.

DESCRIPTION	PART NUMBER	QTY
Media Presentation Controller, White	MPC-M5-W	1
Media Presentation Audio Amplifier	MP-AMP30	1
Ceiling Mount Media Presentation Speakers, Pair, White	FSDI8-W	1
Media Presentation Wall Plate, Video & Audio, White	MP-WP100-W ¹	1
Media Presentation Wall Plate, VGA & Audio, White	MP-WP131-W ¹	2
Universal Projector Mount, White	PMTC-50-6W	1
Power Pack for MP-AMP30	PW-2420RU	1
PoE Injector for MPC-M5	PWE-4803RU	1
RS-232 Projector Control Cable, Plenum, 50 ft (15 m)	CBL-KSERIAL-DB9-L-P-50 ²	1
Ethernet LAN Cable, Plenum, 50 ft (15 m)	CBL-CAT5E-P-50 ²	1
Speaker Cable, 16AWG, Plenum, 35 ft (11 m)	CBL-SPK-P-35	2
RCA Video & Stereo Audio Cable, Plenum, 50 ft (15 m)	CBL-KAV-RCAM3-L-P-50 ^{2,3}	1
HD15 VGA Cable, Plenum, 50 ft (15 m)	CBL-KVGA-L-P-50 ^{2,3}	2
RCA Stereo Audio Cable, Plenum, 50 ft (15 m)	CBL-KAUDIO-RCAM2-L-P-50 ²	2
Projector-to-Amplifier RCA Stereo Audio Cable, 3 ft (1 m)	(Supplied with MP-AMP30)	1
RCA to 3.5mm Mini-TRS Stereo Audio Adapter	CBL-AUDIO-RCAF-0.5 ²	4
1-Gang Decorator Style Faceplate, White	FPL-G1-W-T	3
1-Gang Low-Voltage Trim Ring	BB-G1-LV	3
2-Gang Low-Voltage Trim Ring	BB-G2-LV	1

1. Each package includes a 2-gang post-construction trim ring for the MPC-M5-W, and a 1-gang post-construction trim ring and decorator style faceplate for each wall plate.
 2. Specified in illustration on page 2.
 3. Includes uninstalled RCA and/or BNC compression connectors as required for termination at the wall plate. Installation requires IDEAL OmniSeal™ 30-793 or equivalent compression tool (not included).

2 Installation

1. Refer to the documentation supplied with the projector to determine the optimum mounting location. Refer also to the typical hookup arrangement diagram provided in section 3 on page 2.
2. Install the PMTC-50-6W Universal Projector Ceiling Mount following the instructions contained in the latest version of the Installation Guide (Doc. 7013), supplied.
3. Mount the MP-AMP30 Media Presentation Audio Amplifier to the PMTC-50-6W, using four screws, eight washers, and four wingnuts (provided). Refer to the diagram to the right for details.
4. Mount the FSDI8-W speakers in the ceiling grid following the instructions contained in the latest version of the QuickStart Guide (Doc. 7070), supplied.
5. Mount the Media Presentation Wall Plate devices in appropriate locations in the room.
6. Run the cables for the system. The supplied cables are plenum rated so they can be routed above the ceiling, and are already terminated for the projector end. The opposite ends are not terminated to make it easier to route the cables through the walls and ceiling.
7. Terminate BNC and RCA fittings as required.
8. Configure the MPC-M5 using the MPC Wizard in SystemBuilder™. Refer to the instructions contained in the latest version of the Operations & Installation Guide (Doc. 6955), supplied.



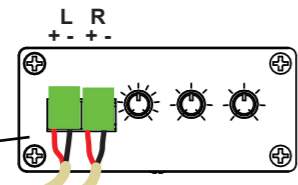
IntelliClass™ IC-300-CSP-P

Complete Classroom AV System Package

quickstart guide

3 Typical Hookup Arrangement

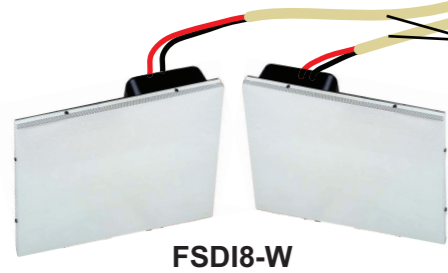
Strip the ends of the wires approximately 3/8 inch (12 mm). Observe the correct polarity (+ (red) to + terminal and - (black) to - terminal) and insert into the two 2-pin detachable connectors (supplied).



CBL-SPK-P-35

Strip the speaker end of the cable wires approximately 5/8 inch (15 mm) and twist the bared strands.

Use the wire nuts supplied with the speakers to connect the speaker wires with the speaker cable wires, (red to red and black to black). Refer to Doc. 7070 supplied with the speakers for details.



FSDI8-W

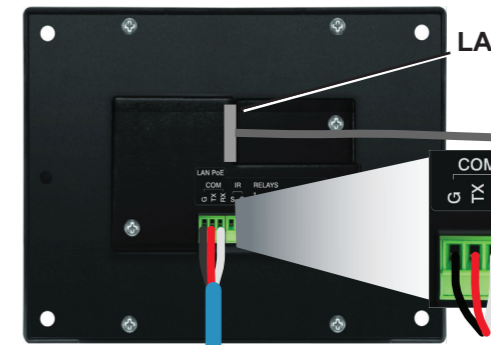
MP-AMP30



RCA - RCA Cable Included w/MP-AMP30

NOTE: Projector volume is controlled via the MPC-M5.

MPC-M5



CBL-KSERIAL-DB9-L-P-50

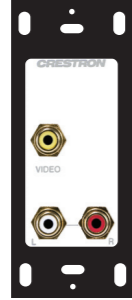
For use with projectors that are not part of the RoomView Connected® devices family.

PWE-4803RU



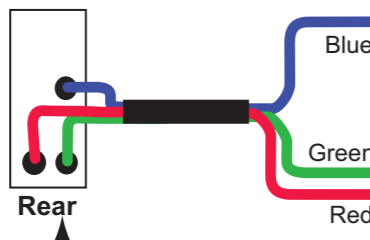
LAN

WP-100




CBL-KAV-RCAM3-L-P-50

Terminate with supplied RCA compression fittings.



TYPICAL PROJECTOR

If the Crestron C logo () is present on the projector, then it is part of the RoomView Connected Devices family, and supports advanced direct connectivity with the MPC-M5. Utilizing the projector's built in LAN port, the MPC-M5 can directly interface with the projector, offering a host of advanced monitoring and configuration options that far exceed the capabilities of basic serial and IR control. This great feature eliminates the need to use the provided CBL-KSERIAL-DB9-L-P-50. For more information, please refer to the following Web site: www.crestron.com/intelliclass.

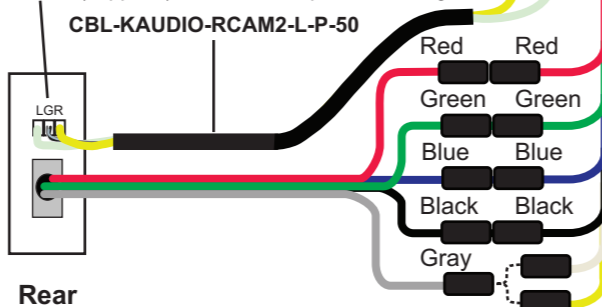
WP-131



Twist shields together and insert into G terminal of 3-pin detachable connector (supplied).

CBL-KAUDIO-RCAM2-L-P-50

Terminate with supplied RCA compression fittings.



Terminate with supplied BNC compression fittings.

CBL-KVGA-L-P-50

Cable contains either a white wire or a yellow wire.

CBL-AUDIO-RCAF-0.5

CBL-KAUDIO-RCAM2-L-P-50

Twist shields together and insert into G terminal of 3-pin detachable connector (supplied).

WP-131



Terminate with supplied BNC compression fittings.

The specific patents that cover Crestron products are listed at patents.crestron.com.
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