

2.8" Room Scheduling Touch Screen

- > Room scheduling touch screen
- > For use with Crestron Fusion RV® software
- > Intuitive on-screen scheduling interface
- > 2.8" active-matrix color display
- > Streaming video capability^[2]
- > Quick-access pushbuttons
- > Dual-color button backlighting
- > Single-wire Ethernet connectivity
- > PoE network powered
- > Single-gang wall box mountable
- > Modern, contoured appearance
- > Available with smooth black or white finish

Crestron® Room Scheduling Touch Screens provide an invaluable productivity tool for organizations with multiple conference rooms and meeting spaces. Mounted on the wall outside each room, they allow anyone to see at-a-glance if a room is available or in use, view details about the current meeting, and look up the room's entire schedule. Upcoming meetings and open time slots are clearly displayed on the color touch screen, and users can even reserve a room right on the spot.

Room Scheduling Touch Screens end the wasteful practice of searching the corridors for an available room. They eliminate confusion over which room is booked — by whom and for how long — and allow attendees to verify they're in the right place before entering a room. They help organizations to maximize productivity and get the most usable time out of every room.

Crestron Room Scheduling Touch Screens are designed to be installed as part of a complete enterprise room scheduling solution using Fusion RV® Remote Asset Management Software.

Form and Function

The TPMC-3SM Room Scheduling Touch Screen features a 2.8 inch (72 mm) color display. Its intuitive on-screen interface allows for viewing and accessing essential meeting and scheduling information. Shortcut buttons are also included to provide quick access to the most common scheduling functions.

With its ultra-compact size and clean, modern appearance, the TPMC-3SM makes an unimposing yet elegant statement in any office building, conference center, hotel, or university. It mounts on the wall over a standard electrical box.^[1] Its contoured shape affords clear visibility down long corridors, with room status indicators at either side that shine green when the room is available and red when it is in use.

Room Scheduling

The TPMC-3SM is optimized for use with Crestron Fusion RV software, enabling tight integration with popular scheduling applications like Microsoft® Exchange, Office 365™, IBM® Notes®, CollegeNET® R25®, and Google Calendar™. Through its color touch screen, the TPMC-3SM provides essential room scheduling capabilities that can be customized to suit the



needs of any organization. Its main screen displays a clear, at-a-glance view of the current reservation, with the ability to also see upcoming reservations and available time slots at the press of a button. New reservations can be scheduled on the spot, and you can even search other rooms on the network and reserve any room without leaving the touch screen you're at.



Tactile Pushbuttons

To complement its color touch screen, the TPMC-3SM includes physical pushbuttons for quick access to the most common scheduling functions. The "Today" button at the upper left corner jumps to the current day view, while the "Close" button at the upper right quickly closes whatever page is currently displayed. These buttons are also backlit, illuminating green or red to indicate when the room is available or in use.

Below the screen are additional buttons. The "Select" button (labeled with a + sign) provides a quick way to select a meeting to view its details, or select a time slot to reserve a room, depending on the current view on screen. "Down" and "Up" buttons enable scrolling through the day's schedule, while the "More" button on the left accesses the next available page of info, rooms, or days.

Single-Wire PoE Connectivity

An Ethernet LAN connection is all that is required to wire the TPMC-3SM. Using PoE technology, the device gets its operating power right through the LAN wiring. A PoE Injector (PWE-4803RU^[1]) simply connects in line with the LAN cable at any convenient location. Crestron PoE switches (CEN-SW-POE-5 or CEN-SWPOE-16^[1]) may also be used to provide a total networking solution with built-in PoE.

TPMC-3SM 2.8" Room Scheduling Touch Screen

Simple Wall Box Mounting

The TPMC-3SM mounts directly to a single-gang electrical box or European/UK electrical box, requiring just 1/2-inch (13 mm) mounting depth while protruding just over 1/2-inch (15 mm) from the wall surface for a clean, low-profile appearance.

SPECIFICATIONS

Touch Screen Display

Display Type: TFT Active matrix color LCD
Size: 2.8 inch (72 mm) diagonal
Aspect Ratio: 3:4 QVGA (portrait orientation)
Resolution: 240 x 320 pixels
Brightness: 350 nits (cd/m²) typical
Contrast: 500:1 typical
Color Depth: 16-bit, 64k colors
Illumination: Backlit LED
Viewing Angle: ±75° horizontal, +75/-55° vertical
Touch Screen: Resistive membrane

Buttons

Hard Keys: Pushbuttons, translucent backlit, for "Today" and "Close" functions
Feedback/Backlight: Red and (1) green LED per hard key, for room status indication
More: (1) Pushbutton, for "More" function
▲, ▼: (1) Rocker button, for "Down" and "Up" functions
Select: (1) Pushbutton, for "+" function
Reset (bottom): (1) Recessed pushbutton behind pinhole for hardware reset

Memory

RAM: 128 MB
Flash: 256 MB
Maximum Project Size: 20 MB

Graphics Engine

16-bit non-palette graphics, 65,536 colors, multi-mode objects; dynamic graphics and text; PNG translucency; animation; transition effects

Communications

Ethernet: 10/100 Mbps, auto-switching, auto-negotiating, auto-discovery, full/half duplex, DHCP, IEEE 802.3af and 802.3at compliant

Video ^[2]

Streaming Formats: MJPEG

Connectors

LAN PoE: (1) 8-pin RJ45 with 2 LED indicators;
10Base-T/100Base-TX Ethernet port;
Power over Ethernet compliant;
Green and yellow LEDs indicate Ethernet port status

Power Requirements

Power over Ethernet: IEEE 802.3at Type 1 (802.3af compatible) Class 2 (6.49W) PoE Powered Device

Environmental

Temperature: 32° to 104° F (0° to 40° C)
Humidity: 10% to 90% RH (non-condensing)
Heat Dissipation: 14 BTU/hr

Enclosure

Construction: Plastic, black or white, smooth finish
Mounting: Requires a 1-Gang electrical box or plaster ring, 1-Gang UK (BS 4662) electrical box, or 1-Gang European (DIN 49073) electrical box; choice of standard or security screw provided

Dimensions

Height: 4.50 in (115 mm)
Width: 3.38 in (86 mm)
Depth: 1.05 in (27 mm)

Weight

4.5 oz (126 g)

MODELS & ACCESSORIES

Available Models

TPMC-3SM-B-S: 2.8" Room Scheduling Touch Screen, Smooth Black
TPMC-3SM-W-S: 2.8" Room Scheduling Touch Screen, Smooth White

Available Accessories

PWE-4803RU: PoE Injector
CEN-SW-POE-5: 5-Port PoE Switch
CEN-SWPOE-16: 16-Port Managed PoE Switch

Notes:

1. Item(s) sold separately.
2. Enabled through custom programming. Not used for typical room scheduling applications.

This product may be purchased from an authorized Crestron dealer. To find a dealer, please contact the Crestron sales representative for your area. A list of sales representatives is available online at www.crestron.com/salesreps or by calling 800-237-2041.

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

Certain Crestron products contain open source software. For specific information, please visit www.crestron.com/opensource.

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