

BCRC16160101ME Room Controller

Room controller for apartments, hotels, hospitals, and business centers

Main Functions

- Lighting control
- Blinds/curtains control
- Electric sockets control
- Fan coil unit control (3-speed, ECM, 2-pipe / 4-pipe)
- DND/MUR and doorbell control
- Energy-saving functions (door/window monitoring)
- Keycard / keyless occupancy control
- Integration with PMS, hotel TV, and door locks

Inputs / Outputs

- ⇒ 16 lighting groups and pushbutton controls via power modules with inrush current limiter.”
- ⇒ 16 relay outputs (max. 5 A) for controlling fan coil speeds, heating/cooling valves, lighting groups, and doorbells.
- ⇒ Single 0–10 V analog output for precise ECM fan coil control
- ⇒ 16 opto-isolated 24 V digital inputs for:
 - switch / push button functions
 - dimming control
 - electric curtain / blind control
 - DND / MUR functions control
 - Scene management
 - Occupancy detection
 - Window state detection
 - Main door state detection
- ⇒ 1 NTC input for room temperature sensor
- ⇒ 1 RS485 port for connecting room thermostats, touch switches, dimmers, and Modbus/DALI or Modbus/KNX gateways (Modbus RTU protocol)
- ⇒ 1 Ethernet port for connection to a building management system (Modbus TCP)
- ⇒ Supply voltage: 24 V DC

Fully configurable, and supports integration with various devices and communication protocols.



BCTPxxBx Touch panels

Touch panels for guestrooms.

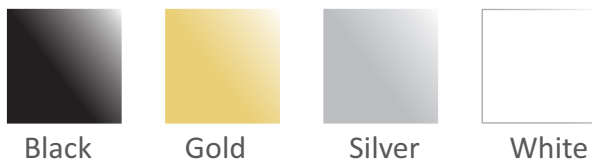
Touch controller features

- Lighting control.
- Blinds, electric curtains control.
- DND, MUR indication & control.

⇒ Each button can be configured for the following functions.

- | | |
|---------------------------------------|-------------------------|
| ■ Lighting control- switch | ■ DND function - on/off |
| ■ Lighting control- Increase/decrease | ■ MUR function - on/off |
| ■ Scene - Set, Restore | ■ Blinds - Open/close |

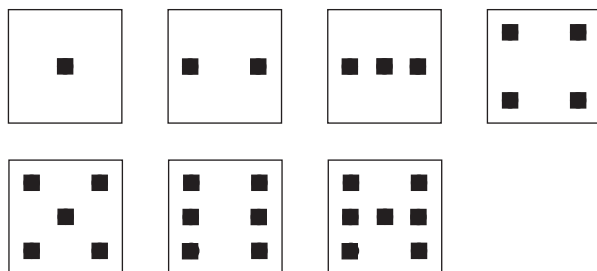
⇒ Available colors.



⇒ Available colors for buttons backlight



⇒ The number of buttons and their arrangement can be as follows



Fully customizable icons and button labels

⇒ RS485 Modbus RTU port for communication.

⇒ Supply voltage 12- 24 Vdc.



BCTP08Bx Room Touch Thermostat

Touch thermostat for climate control in apartments, hotel rooms, and business centers.

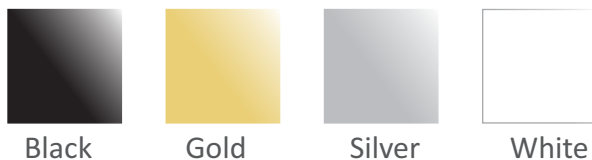
Touch thermostat features

- Fan Speed Control (F1, F2, F3, Auto).
- LED Display(Room/Setpoint, temperature, Mode, Fan mode).
- Fancoil control (On, Off, Eco).
- Temperature display in Fahrenheit (°F) / Celsius (°C).

⇒ Buttons configured for the following functions.

- Temperature setpoint - Increase
- Temperature setpoint - Decrease
- Set Fancoil mode
- Set Fan speed

⇒ Available colors.



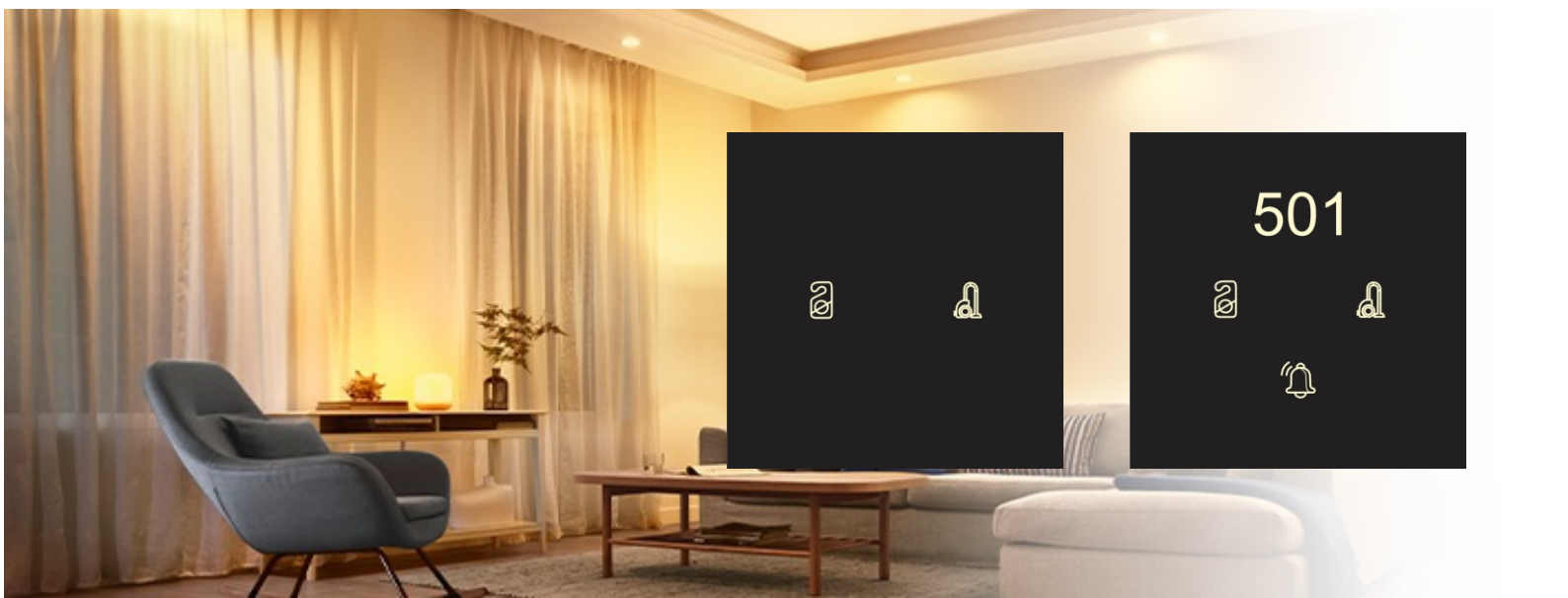
⇒ Available colors for buttons backlight



Fully customizable icons
and button labels

⇒ RS485 Modbus RTU port for communication.

⇒ Supply voltage 12- 24 Vdc.



BCTP09B, BCTP10B DND/MUR & Corridor panels

Touch panels for guestrooms: Do Not Disturb/Make Up Room functions with corridor doorbell control.

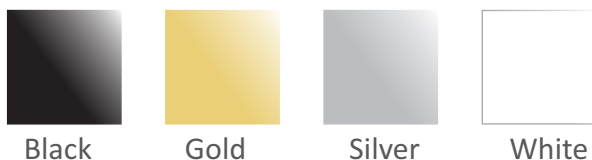
Touch controller features

- Doorbell pushbutton on the guestroom corridor panel.
- DND, MUR indication on the guestroom corridor panel.
- Room Number on the guestroom corridor panel.
- DND and MUR indicators with touch buttons on the in-room guest panel.

⇒ When DND is activated, the doorbell is disabled for complete guest privacy.

- For smooth guest experience, MUR and DND cannot be selected at the same time.
- Night mode function on the in-room DND/MUR guest panel.

⇒ Available colors.



⇒ Available colors for buttons backlight



⇒ RS485 Modbus RTU port for communication.

⇒ Supply voltage 12- 24 Vdc.

Fully customizable icons
and button labels