

# Room Control Systems – RCS

## PS-PSSC-XX



**Presevi** designs, develops and manufactures several models of controllers for application in guest room, star hotels, resorts, posh houses etc. The system not only adds the aesthetics but also the safety operation of the guest rooms, the comfort of operation etc., while saving energy and operational cost. Our model series PS-PSSC-XX with push button control uses the feather touch buttons to control various control circuits. The use of the electro mechanical switches, considering safety of the guests.

Few of our models have android based smart mobile phone application, which would facilitate the guests to operate the switches from remote location.

### Product Highlights

- Key tag operated centralized controlling of lights, fan and FCUs to save energy and operational cost
- Soft touch keys with back light
- Android application on request
- Thermostatic and fan control of FCU with interface to the Key Guard with pre-cooling operation.
- RTC timer with power down memory



Fig. 1 RCS Center panel

### Brief description

Fig 1. shows the control panel at the bed room side of a typical RCS with built in features to control individual lights and air conditioning. It is also provided with controls like Do Not Disturb (DND), clean my room for operating from bed side. While the corridor panel kept at the outside of the room indicates the request of the guest, it would prevent ringing of the calling bell if the DND is pressed. Temperature of the room could be kept at 16 to 30°C by making use of the FCU and the fan speed. The feature named pre-cooling lets the room temperature to be kept between 28 and 30 degrees, whenever the guest room is not occupied, saves considerable energy and operational cost. There are individual control panels for bath room, passage lights etc. Fig.2 shows certain typical switch panels. All these are interfaced to a central control console named MMU by using CAT 6 cable. Fig.3 shows an android app screen. Fig. 4 shows a multi-media hub to facilitate guests use various control panels of TV and internet.

The various RCS for the application have different built in features and are specified on its individual pamphlet. It is advised to go through these pamphlets for more information and is available from us on request. All these controllers are designed and built as per IEC standards and field proven.



Privacy switch and indication



Bathroom switches for Light and Mirror

Fig. 2 Some of the sub panels



Fig. 3 Android RCS Central Panel



Fig.4 Multi Media jack

The specifications, designs and information in this brochure are subject to change without notice

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