

## SALIENT FEATURES

- ♦ **Pairing**  
Any transmitter & receiver can be paired on-site (for easy spare management)
- ♦ **Adjustable Range**  
Operating Range Adjustment  
( from 10m to 200m)
- ♦ **Adjustable Start Range**  
Only START functionality can be range adjustable
- ♦ **Password**  
Transmitter password protection
- ♦ **Frequency Change**  
Operating channel can be changed on site
- ♦ **Idle Time**  
Configurable Idle Time out in Transmitter

## ADDITIONAL FEATURES

|                  |   |
|------------------|---|
| EMERGENCY STOP   | 2 NC contacts for EMS (EN-954-1 Safety Standard)              |
| INDICATION       | LED Indication for Battery LOW, Transmission and Error status |
| ADDRESS CODE     | Unique Address Code to avoid interference                     |
| ANTENNA          | Internal Antenna in transmitter & receiver                    |
| RELAY ASSIGNMENT | Configurable Relay assignment available                       |

## TRANSMITTER

|                           |                                 |
|---------------------------|---------------------------------|
| OPERATING FREQUENCY       | 433-434 MHZ                     |
| CHANNEL SPACING           | 25 KHz                          |
| MODULATION                | FM                              |
| RF POWER OUTPUT           | 10 MW                           |
| POWER CONSUMPTION         | <50MA                           |
| STANDBY POWER CONSUMPTION | 2mA                             |
| BATTERY CAPACITY AND TYPE | 3.6V,1000mAH Ni-MH Rechargeable |
| OPERATING TEMPERATURE     | -20°C to + 70°C                 |
| WEIGHT                    | 325 gms (without battery)       |
| DIMENSIONS (MM)           | 170 (H) X 70 (W) X 55 (B)       |
| OPERATING RANGE (STD)     | 100 meters                      |
| PROTECTION RATING         | IP 65 IS/IEC 600529:2001        |

| TRANSMITTER | RECEIVER                |
|-------------|-------------------------|
|             |                         |
| SYS-8 →     | 8 Pushbutton Dual speed |

## BATTERY & CHARGER DETAILS

|                                |                     |
|--------------------------------|---------------------|
| BATTERY TYPE                   | Ni-MH,3.6V ,1000mAH |
| BATTERY WEIGHT                 | 105 gm              |
| BATTERY CHARGER INPUT SUPPLY   | 110 / 220 VAC       |
| BATTERY CHARGER DIMENSION (MM) | 105 X 75 x 45       |
| BATTERY CHARGING TIME          | 4hrs                |

## RECEIVER

|                       |                              |
|-----------------------|------------------------------|
| OPERATING FREQUENCY   | 433-434 MHz                  |
| CHANNEL SPACING       | 25 KHz                       |
| RF SENSITIVITY        | -117dBm at 0.6kbaud          |
| NUMBER OF RELAYS      | 12 + 2 (Start/Alarm)         |
| RELAYS                | Resistive load: 5A at 250VAC |
| POWER REQUIREMENTS    | 110 VAC / 230 VAC            |
| FASTENING             | By means of Nuts & Bolts     |
| OPERATING TEMPERATURE | -20°C to + 70°C              |
| WEIGHT                | Approx 1.40 Kg               |
| DIMENSIONS (MM)       | 282 (H) x 220 (B) x 110 (W)  |
| OPERATING RANGE       | 100 meters                   |
| PROTECTION RATING     | IP 65 (NABL lab tested)      |