

ONE CHANNEL LOW POWER WIRELESS CONTROL SET WITH CODE HOPPING SECURITY

# UMB100HS

One relay output channel universal remote control set consists of receiver and two single button key-fob hand transmitters (remotes). The set is widely used in alarm systems for remote starting of entry delay, system arming/disarming, access control and as personal panic button. Transmissions sent from the remotes are KEELOQ dynamic code encrypted allowing highest level of security. The receiver can operate with up to 12 remotes at a time (up to 112 on option) and provides one programmable and isolated from power supply NO/NC (NO-normally opened, NC-normally closed) relay output and one external beeper/siren output S. Receiver's outputs are provided with terminals for easy wiring of external devices. The relay output action may be latched (on/off) or time-lapse mode operating depending on programming made by the user. The S output (open collector type) is for connecting external siren or beeper device and delivers two short pulses (two beeps) on relay set and one (one beep) on relay reset. The receiver features built in bicolour LED that is used for programming and signalling relay set (changes colour). The set may be optionally ordered with super heterodyne receiver (UMB100Hhet) offering better operating range and greater rejection of interfering radio signals.

## SPECIFICATIONS

### Transmitter

- EU standards compliant 433.92MHz transmitter;
- powered by miniature 12V GP23A type battery;
- external dimensions: (L/W/D) 37/33/13mm;

### Receiver

- receiver super regenerative (UMB100HR) or super heterodyne (UMB100HRhet);
- power supply 12VDC  $\pm$ 15%, current 20mA at standby or 20mA on relay set;
- one relay output NO/NC handling 60VA (128VAC/1A);
- output relay's set time in time-lapse mode from 0.5s up to 4 hours;
- anti-sabotage TAMPER switch with terminals;
- operating temperature range: 0 do +40 °C
- external dimensions: (L/W/D) 96/63/28mm.

