LOCKED BELL SYSTEM

ONSETTER, BANKSMAN & DRIVER UNIT

The Locked Bell System manufactured by TELBIT, is the system of choice at most Mining Houses for the last 20 years.

Onsetter units are installed at various underground levels, using the 3-wire Bell Common system. Messages are relayed between Onsetter, Banksman and Driver in the form of bells that ring according to the numbers pressed.

Manufactured from 2mm stainless steel, the unit incorporates the proven and trusted Scitron electronic card that follows the industry standard 150mSec pulse duration, with 300mSec pause between messages. In case of emergency the red Long Ring pushbutton rings immediately when pressed, overriding all messages, and continues to ring for 5 seconds after release. Should the On/Off Key be removed during operation, the message is completed. When the Key is removed the card powers down completely, leaving no standby electronics powered, improving the reliability of the system.
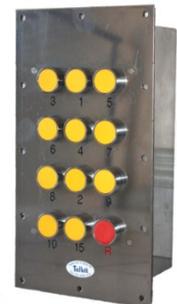
Two types of pushbuttons are available. The standard Telemecanique push button with contacts, or the IP68 waterproof contactless Piezo pushbutton. These pushbuttons have no moving parts, makes use of a piezoelectric material and are compatible with all older and current Scitron cards.

The On/Off Key has 2 options: Option 1 is the standard heavy-duty lock and key, available in different makes and models. Option 2 is the new Touch Lock system. The Touch Lock features a robust electronic type key that fits magnetically to the Lock. The Lock has no moving parts, and is completely water proof. The Key is available in T1,T2 & T3 lock & key, up to 256 combinations.

The unit also incorporates IP68 sealed LED type red and green robot lamps, to indicate the brake interlock status. The Onsetter unit is equipped with a loud 105dB electronic sounder, where the Banksman unit has an additional sounder with different tone, to easily distinguish between Onsetter and Banksman ringing.

Driver Unit
with
Piezo buttons

Driver Unit
with standard
buttons

Features

- AC or DC operation 18V-45VDC, 32VAC, 110VAC
- Manufactured from 2mm powder coated stainless steel
- 20mm knock-out holes for cable entry
- Numbers are engraved on stainless steel fascia
- Driver unit is panel mounted on the driver control desk
- Tamper proof robust key operated power switch
- IP68 Sealed LED type Robot Lamps
- Reliable and proven Scitron Locked Bell electronics
- No standby power required on electronics
- Pushbuttons, lamps & Touch Lock can be used to upgrade Older existing boxes.
- Compatible with the Bell Recorder to record all communication between the Onsetter, Banksman and Driver

Touch Lock

Touch Key

Piezo Pushbutton

ISO 9001:2008
DEKRA

Quality Management
We are certified

Voluntary participation in regular
monitoring according to ISO 9001:2008

Telbit reserves the right to change specifications without prior notice.