

Intercom I400



Description

- Mining Intercom I400 does not need APBX, according to international safety rules serves as alternate communication system for tunnels in a hard rock mine, at the same time to communicate underground chamber refuge because it can be energized from the outside with a central source of 48 VDC with backup battery for 24 hours, in case of emergency can be connected 4 vehicle 12V batteries in series, connecting positive + with negative - to energize to 48 VDC.
- It consists of 2 to 50 intercoms powered by a 48VDC source, operating up to 15km for a single pair of 18 AWG (0.9mm²) telephone wires.
- It is configured for group calls between the various areas of the mine, and under request supports general call which can terminate all active calls.
- The device responds to pulse dialing using two digits 00 to 99 for each phone number, no special code is required.

Specifications

- Waterproof Silicone Plastic Touch Pad IP66, double tone with continuous ring from 110 dB to 1 m.
- Weight: 2Kg
- Size: (L) 310mm (W) 220mm (W) 220mm (D) 130mm
- Housing: ABS with 24 hour battery backup.

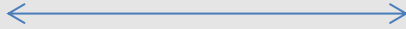
OPERATION OF AN INTERCOM I400 individual, group and general calls



Grupo 1
Warehouse



2X18



Grupo 1
Portal Access



Grupo 2
Underground
Refuge



Grupo 3
Operations



Grupo 4
Electromechanical



Grupo 2
Underground
Refuge



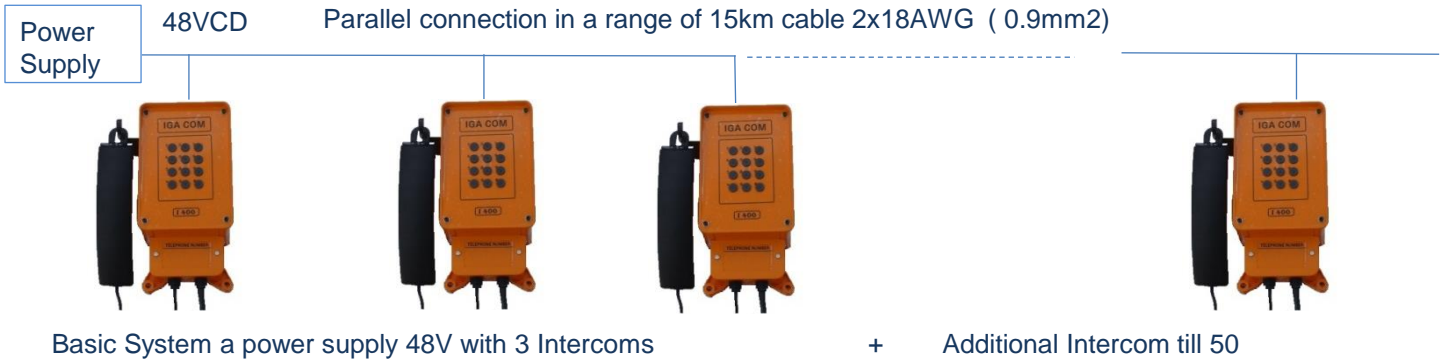
INTERCOM I400. It serves to solve the problems of telephones installed in mining tunnels using multi-pair cable to communicate multiple telephone extensions with a telephone exchange APBX outside the mine. Problems that occur when trying to repair and identify the multi-pair cable when it is accidentally cut or when tries to provide telephony service beyond the 4 kms.

The intercom I400 solves this by using 2x18 parallel cable in a 15kms range that is easier to repair than a multi-pair cable, assigning each intercom a 2-digit code to allow individual, group and general calls to not involve all areas of the mine in the same conversation. Intercom I400 serves little to communicate the underground shelters with 24hours backup..

APPLICATIONs: Intercom for Mining Tunnels to Communicate also Underground Refuge and Conveyor Belts



120/220 VAC



SIGNALING I400



Siren & Light Flash



Siren & Light Flash



Siren & Flash with Emergency Stop for conveyors



**TECHNO
WIRED**

Technowired México
Lago de Chapala 123 Col. Roma
C.P. 64700 Monterrey,
Nuevo Leon, Mexico
Tel : +5281-1234-3030
Email: info@technowired.net

Technowired USA.
3783 Spanish Fine St.
Sarasota, Florida 34238 USA
Tel. +1-941-893-2696
Email: info@technowired.net