



# MINE TELEPHONE SYSTEM



# AUSTDAC PHONE MANAGER II SYSTEM (ST2)

The ST2 System provides the Intrinsically Safe Isolation Barrier between the Surface Telephone System (PABX or IP PABX) and the Underground Mine Phones. The Graphical User Interface (GUI) ensures real time monitoring of all connected Underground Mine Phones. The emergency features of the system allows the operator full control of all telephones even in the event of total failure of the surface telephone system.

The system comprises of three main parts, the **Main Rack** which holds the power supply, interface barriers and underground cable connections, the **Mine Telephone** and the **GUI**.

The Interface barriers provide two telephone connections in the one barrier, the shelf kit can hold 10 barriers which supports 20 mine phone lines and a complete rack can house 80 mine phones.

GUI is windows based program which is able to run on 32 or 64 bit PC, the software and operator master phone can be located remotely from the Main Rack allowing the operator to be located off site or in a redundant control room, where several mine sites can be monitored from this one location.

## PHONE MANAGER II GUI SOFTWARE

- Visual display of all phones with line fault monitoring
- Operator call intercept
- Emergency phone detection 1885KHz
- Dialed Emergency number caller detection (555)
- Public address paging to all or individual underground IS phones
- Evacuation tone to selected or all underground phones
- Call logging with time and date stamping including number dialled
- Emergency DTMF display for non verbal communications between the operator and the underground phone



## PHONE MANAGER MAIN RACK AND BARRIER

- Increased capacity to 80 phones in a single two metre high rack
- Barrier supports two Mine phones
- Visual indication on the barrier for status
- Emergency sockets on the barrier for direct connection to a mine phone underground
- Max line length of 10+ km, with digital hybrid setting in PMII
- Barriers are hot swappable

## MINE PHONE

- IEC Certified Intrinsically Safe
- Full 15 button keypad ease of dialling when wearing thick gloves
- Emergency push button operation 555 or tone programmable
- Loud ringing signal and Strobe standard
- Rugged and weather resistant to IP55
- Twin speakers for ring and public address messages
- Robust handset and curly cord
- Party line connection 2-3 phones



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