



DIS 5 Intrinsically Safe Communication System

- ATEX MI certified
- Superb speech clarity
- High output >95db
- Amplifier enclosure acoustically designed to maximise output
- Battery backed in the event of power failure
- Plug-in trickle charged replaceable battery
- Battery state indicator
- Long life plastic cone loudspeakers
- Vibration tested at 5g
- Optional integrated lockout facility for coal face applications

The ATEX MI certified DIS 5 system provides speech communications and pre-start warning facilities over long distances via a 4 core cable allowing several amplifiers to be connected to a single 12 volt intrinsically safe power supply.

Each amplifier is equipped with a trickle charged NiMH (Nickel metal hydride) re-chargeable battery giving long standby in the event of a loss of mains power.

The system can also be used as part of an integrated control system.

System Components

The DIS 5 communication system comprises of a console amplifier, several remote amplifiers, a pre-start warning generator, safety couplers and a 12 volt intrinsically safe power supply unit.

Versions of the console amplifier, remote amplifier and pre-start warning generator are available fitted with either plugs and sockets or cable glands for the incoming and outgoing cables.