

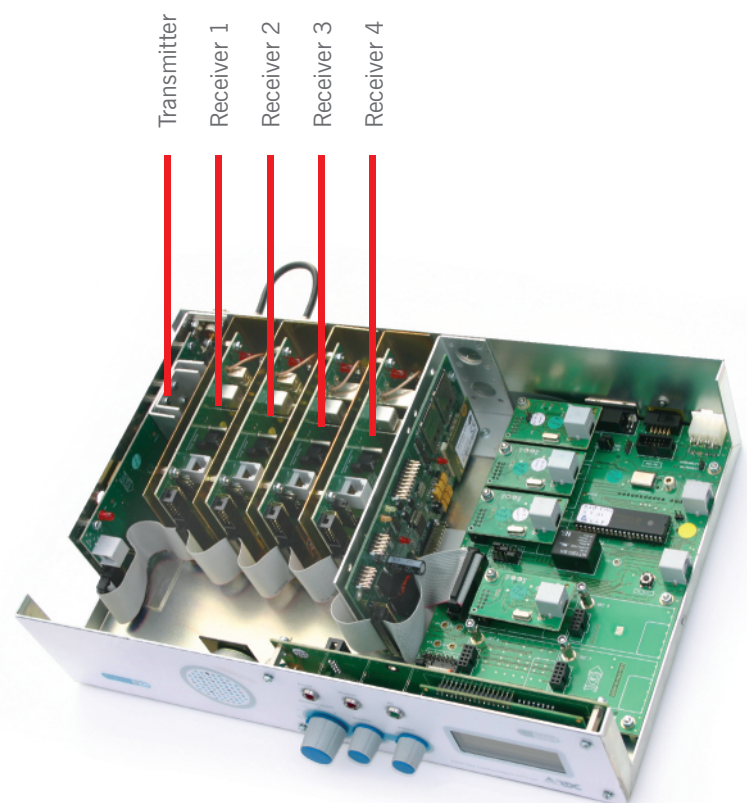
► D20 base station / repeater

CRITICAL FEATURES

High end receiver with sophisticated front end filtering
Base and repeater handshake
Programmable signal routing
"Daisy chain" capability

Full-featured and super intelligent

- Signal acknowledgements (handshaking) capabilities reduces network congestion and increases signal integrity.
- Pre-programmed signal routing ensures that signals take the fastest most efficient route to the base station (IPRS®).
- "Daisy chain" capability allows signals to be sent out of difficult terrain and over extended distances.
- High end receiver with sophisticated front end filtering for interference immunity - particularly important for interference prone repeater high sites. No additional cavity filters are required.
- Each unit is able to accommodate up to 4 receivers, each on their own frequency..
- May be used either as a base station decoder or as a repeater to extend the range of transmitters on the network.
- One unit provides backup for both base station and repeater.
- Despite its highly advanced features, the D20 is reasonably priced.
- Machine assembled to highest quality standards.
- Compatible with all RDC transmitter models.
- Contact ID compatible.
- Used with an external 2A charger and high capacity battery for load shedding conditions.
- Up to 30 repeaters per network for increased coverage and performance.
- Multi-user facility of up to 400 users.
- Pre-programmed mains-fail and self-test reporting allows for pro-active network monitoring.
- Internal real-time clock.
- English telemetry display.
- RS-232 serial output compatible with all control room monitoring software.



► Signalling options



Today's most advanced security data transmission technology

High speed MSK or IPRS® signalling options

MSK Signalling

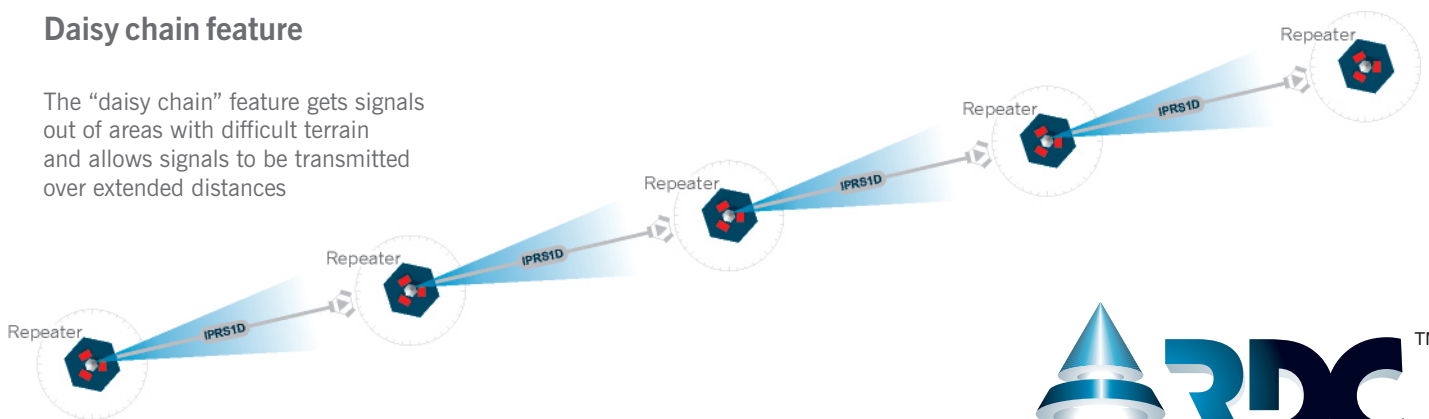
An entry level signalling format for standard network installations. Base station and repeater data communication takes place at high-speed with transmission times at under 100mS. The base station "hand-shake" feature reduces unnecessary repetition of signals, thereby minimising congestion on the network.

IPRS® Signalling

"Intelligent Path Repeater Signalling", is an advanced system intended for difficult terrain and high traffic networks. Every signal received is acknowledged (hand-shake), halting further transmission. Signal integrity is improved and valuable bandwidth is freed up for expansion. Signals follow pre-programmed repeater paths for the shortest and most efficient transmissions possible.

Daisy chain feature

The "daisy chain" feature gets signals out of areas with difficult terrain and allows signals to be transmitted over extended distances



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Because you demand more than just technology