

Tactical Communications Handset



The BA275 is a tough and rugged, high performance radio communications handset designed for use in harsh environments on tactical communications transceivers.

The low profile, slim design facilitates use under a helmet or head wear.

The dynamic microphone, earphone and PTT components are customizable to be compatible with most transceivers.

The audio frequency characteristics are shaped for optimum voice clarity, even on noisy HF communications channels, and the sensitive noise cancelling microphone provides a high output at low voice levels ("whisper" mode).

Features

- Low profile
- Waterproof and rugged
- Serviceable (replaceable components)
- Dynamic microphone/earphone (no supply voltage required)
- Optimised voice clarity

Specifications

Microphone type	Dynamic 300Ω
Microphone frequency response	300-3600Hz minimum
Microphone sensitivity	> 1mV output at 90dB SPL at 1kHz, (±3dB)
Earphone type	Dynamic 300Ω
Earphone frequency response	300-3600Hz minimum
Earphone output	96dB (±3dB) SPL with 100mW at 100mm
Earphone output power	Operating 200mW, Maximum 500mW
Earphone distortion	Maximum 5% for 1000Hz @ 200mW
PTT switch	Dual micro switch with tactile feedback
PTT switch rated life	> One million cycles
Operating temperature	-30°C to +60°C
Weight	300 grams (Including connector)
Environmental	MIL-STD 810G (see specification for details)

Part Numbers:

- BA12-0131 – Black handset, 14P SCE connector
 BA12-0132 – Black handset , U-329 connector (6P USSC)