

DIRECT DIALLING INTERCOMS

The Jacques Direct Dial intercom range (VDL Series) is designed for easy connection to new and existing PSTN/PABX telephony systems. These intercom terminals can dial 1, 4 or up to 999 pre-configured telephone numbers, making them ideal entrance intercoms.

Analogue Direct Dial Help Point Units automatically dial a preconfigured telephone number via a PSTN or PABX network once the call button is pressed.

The intercoms feature enabled noise reduction and echo cancellation technology for quality audio and clear conversations. The Direct Dial series intercom terminals include configurable relays ideal for door or gate access. The VDL range of intercoms offer simple installation and require low maintenance, ideal for industrial, marine or commercial applications.

DIRECTDIALLINGINTERCOMDIAGRAM



HOW IT WORKS

The Direct Dial Intercom (VDL-441) is used to call a remote telephone, which in turn controls the intercom relays via a PABX/PBX connection.



VDL-441



VDL-444



VDL-44K

DIRECT DIAL INTERCOM TERMINAL VDL-441/VDL-444/VDL-44K

PRODUCT CODE 51109, 51150, 51269

FEATURES

- Standalone analogue intercom
- Direct dialling to a pre-configured phone number via telephone or PABX line.
- Vandal resistant design
- One-touch operation with hands-free communication, once call is established
- Microphone aperture deters insect nesting and water beads

SPECIFICATIONS

Speaker	4 Ω, 3 W RMS (power rating)
Speaker Amplifier	150 Hz to 4000 kHz, 2 W RMS
Max. Acoustic Output	88 dB SPL @ 1 m
Speaker Hole Size	42 holes x 4 – 7 mm (0.15 - 0.28 in) diameter
Microphone	Electret condenser, omnidirectional, sensitivity -55 dB
Microphone Hole Size	1 x "koala nose", 6 x 10 mm (0.24 x 0.39 in)
Audio Bandwidth	300 Hz - 3.4 kHz (telephone bandwidth)
Telephone Interface	On Hook REN 0.1 Off Hook Termination impedance - 600 Ω @ 1800Hz Line current limit setting - 62 mA Minimum line operation current - 15 mA Dialing - DTMF only
Control Buttons	1 x piezo switch, red, 28 mm (1.10 in) VDL-441 4 x piezo switch, red, 19 mm (0.75 in) VDL-444 3 x 4 metal keypad, silver, 47 x 64 mm (1.85 x 2.51 in) buttons VDL-44K
Auxiliary Functions	2 x relays NC/NO type – 2 A @ 24 V d.c.
Power Input	(12 – 32) V d.c. (24 V d.c. nominal)
Power Consumption	300 mA max.
Operating Temperature	(0 – 50)°C (32 – 122)°F
Operating Humidity	(10 – 95) % relative humidity (non-condensing)
Cabling	Telephone Line: 1 pair UTP Power: Figure 8, 0.75 mm² (0.0011 in²) multi-strand
Configuration	Programmed using remote telephone via DTMF, max. 15 digits Dial 1 telephone number (VDL-441) Dial 4 telephone numbers (VDL-444) Dial up to 999 telephone numbers (VDL-44K)
Compliance	Telecommunications: ACIF S002:2001,2004:2001 Safety: AS/NZS 60950:2000 EMC: AS/NZS CISPR22:2002, class B Labelling A-tick label, N12046
Dimensions (WxHxD)	130 mm x 290 mm x 45 mm (5.12 in x 11.42 in x 1.77 in)
Weight	1.35 kg (2.98 lb)
Material	316 stainless steel (2 mm / 0.08 in)
Finishes	Linish
Environment	Indoor and outdoor
Vandal Resistant	Yes
Mounting Options	Flush mount backbox (FWE-1), surface mount backbox (SWE-1/SWE-9SS)
Mounting Holes	6 holes x 5 mm (0.19 in) diameter
Fixings	6 x M4 security torx screws