

## **Model: A-JR101-2B**

### **Optional Versions: Analogue, VoIP SIP, GSM 4G**



- Push-to-call telephone with 2 metal call buttons
- Non-corrosive cast aluminium body with steel face plate
- Robust and vandal resistant throughout
- Weather protection rated IP66 (IP67 on demand)
- Powered PoE, analogue line or 12v DC mains (version dependant)
- Inductive coupler fitted as standard for hard of hearing
- Simple installation with tamper proof bars & fixings
- Non-volatile memory programmable for speed dialling
- Programming: SMS (GSM/4G), DTMF (analogue) Interface Software (SIP)
- SMS Status reporting - GSM 4G version
- Dry contact relays available on-demand
- Choice of customised labelling
- RoSH, CE & FCC Compliant.



A professional IP66 - IP67 weatherproof push-to-call telephone with multiple autodial calling buttons, provides a full duplex operation for heavy industrial or public use. Designed to meet the needs of clients who experience loss or damage through heavy use or vandalism.

Fully contained within a corrosion resistant cast aluminium weatherproof case with a door providing complete protection against dust and moisture ingress, this is a highly reliable product with a long MTBF (50,000 hours). The unique robust handset is manufactured from bulk moulding compound and designed specifically to withstand arduous use in all environments. Armoured cord to provides additional resistance to vandalism and heavy industrial use. Very easy to install. The cable entrance through a metal M20\*2mm gland located at the bottom of the phone, this to prevent from artificial damage.

#### **Versions:**

**Analogue** powered by standard analogue line – DTMF Config.

**VoIP SIP** powered by PoE – RJ45 connection to IP PBX and configured by web interface software

**GSM 4G Network** supports micro size SIM Card, powered by 12V DC mains adaptor configured remotely by SMS messaging

#### **Casing Material**

Die-cast aluminium body & CRS front plate with industrial epoxy powder coated finish yellow, red, other RAL colours on demand

#### **Colour**

#### **Handset Material**

Impact resistant ABS / stainless-steel spiral cord

#### **Push Buttons**

Vandal resistant stainless steel

#### **Ring Tone**

80~90dba @1m - See version details

#### **Hook Switch**

Electric / magnetic no visible moving parts

#### **IP Resistance**

IP66 or IP67 (on demand)

#### **Temperature**

Operating: -30°C to +65°C

Storing: -40°C to +75°C

#### **M.T.B.F**

In excess of 50,000 hours in use



**Model: A-JR101-2B****STANDARD ANALOGUE SPECIFICATION**

Analogue telephone, this unit provides a push-to-call autodialling (lift to-to-receive call) functionality. Connection to any standard two-wire telephone line, including analogue PABX lines and PSTN. Option for point-point (no centralised switching unit on demand). Hotline functionality also available.

**Dialling MF (tone)**

**Ringing Tone** Shrill warble tone 80 dBA @ 1 metre typical

**Lightning / Transients** Protection to ITU-T k.21 enhanced levels

**Programming** Can be programmed remotely by DTMF tone or by using an internally located keypad

**GSM / 4G TECHNICAL SPECIFICATIONS**

**SIM** Micro Size SIM card

**Working Frequency Range:**

**4G** LTE FDD: B1/B3/B5/B7/B8/B20

LTE TDD: B38/B40/B41

WCDMA: B1/B5/B8

B3/B8

**GSM:**

**Adapter Input** 7.4 V-12V DC

**Power Consumption** Idle current: 75mA

**Off hook current** 160mA

**Ringing Tone** Shrill warble tone 90 dBA @ 1 metre typical

**VoIP SIP Version****Power Supply**

PoE

**Adapter Input**

100-240VAC 50~60Hz

Output:5V/1A

**Port**

WAN: 10/100Base- T RJ-45 for LAN, Auto MDIX

LAN: 10/100Base- T RJ-45 for PC, Auto MDIX

**Power Consumption**

Idle:1.5W/ Active:1.8W

**Communication Type**

Full Duplex

**Voice Features**

- Support SIP 2.0 (RFC3261)
- Codec: G.711A/u, G.7231 high/low, G.729, G.722 G.726
- Echo cancellation: Support G.168 and hand-free can support 96ms
- Supports full duplex
- SIP support 2 servers, user can through each server to calling in and out
- SIP support SIP domain, SIP authentication (none, basic, MD5), DNS name of server, peer to peer
- SIP support 2 servers, user can through each server to calling in and out

**Network Features**

- WAN/LAN: support Bridge mode
- Support PPPoE for xDSL
- Support VLAN
- Support Stun penetration
- Support DHCP get IP on WAN port

**Ambient Conditions****Protection Type**

IP66 / IP67, Conforms to EN60529

**Operating Temperature**

-30°C to +65°C

**Storage Temperature**

-40°C to +75°C

**Unit size**

204\*334 \*126mm

**Packaging Size**

300\*440\*200mm

**Packaging**

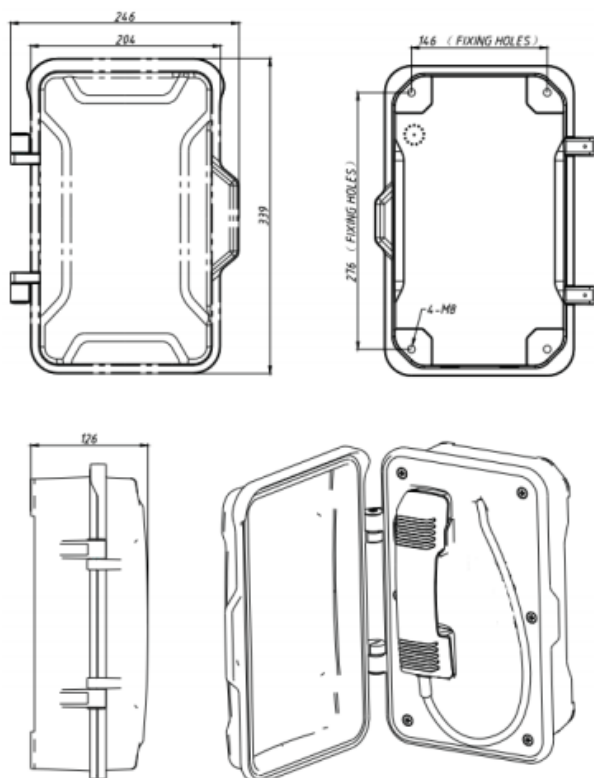
Pearl Cotton, Carton

**Gross weight**

7 KG

**M.T.B.F.**

Calculated M.T.B.F. in excess of 50,000 hours



CE - This mark indicates compliance with the: Radio and Telecommunications Terminal Equipment Directive 2004/108/EC  
FC - This mark indicates compliance with the: FCC Part 15 Subpart B Class B

**24 Month Warranty**

24-month manufacturer defect warranty.

