

## Model: **A-JR102-3B**

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



- Push-to-call autodial telephone with 3 metal call buttons
- Non-corrosive cast aluminium body with steel face plate
- Robust and vandal resistant throughout
- Water / dust ingress protection rated IP66-IP67
- Powered PoE (SIP), Analogue Line or 12v DC Mains (4G)
- Inductive coupler fitted for hard of hearing (on demand)
- Simple installation with tamper proof fixings
- Non-volatile memory programmable for speed dialling
- Programming: SMS (GSM / 4G), DTMF (analogue)
- Telephone Management Software (SIP)
- Remote status reporting – GSM / 4G version
- Dry Contact Relays Available On-Demand
- Choice of Customised Labelling, On Request
- RoSH, CE & FCC compliant.



A professional IP66- IP67 weatherproof handsfree telephone with three 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 and vandalism.

Fully contained within a corrosion resistant cast aluminium weatherproof case with a magnetised door, the phone is fully protected, even when the door is open. Complete protection against dust and moisture ingress, this is a highly reliable telephone with a long MTBF. The unique robust telephone is designed specifically for industrial, public and emergencies purposes, to withstand arduous use in all environments. Very easy to install. The cable entrance through an M20\*2 metal gland is at the bottom of the phone, this to prevent from artificial damage.

### Versions

**Analogue** powered by standard analogue line, connects Telephone pair. Configuration by DTMF

**VoIP SIP** powered by PoE – RJ45 connection (or 12V supply). Configuration by web interface

**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

### Colour

Yellow, red, other RAL colours on demand

### Keypad

2 stainless steel call buttons

### Ring Tone

80~90dBA @ 1m - See version details

### Push Button

Vandal resistant stainless steel

### IP Resistance

IP66-IP67

### 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-JR102-3B****STANDARD ANALOGUE SPECIFICATION**

Analogue line powered telephone, this unit provides a push-to-call autodialling (push-to-to-receive call) functionality. Connected to any standard two-wire telephone line, including analogue PABX lines and PSTN. Hotline function 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 or 12V DC PSU

**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.

