

## Model: **AJR201-3B**

### Versions: Analogue, VoIP SIP, 3G GSM, 4G LTE (NEW)



- 3 Metal autodialling Call Buttons
- Rugged CRS body
- Robust and Vandal Resistant Throughout
- Weather Protection Rated IP55, IP65 On Demand
- Powered PoE, Analogue Line or 12v DC Mains (version dependant)
- Inductive Coupler Fitted as Standard for Hard of Hearing
- Simple Installation with Tamperproof Fixings
- Non-Volatile Memory
- Programming: SMS (3G/4G), DTMF (analogue) Web Interface (SIP)
- Remote Status Reporting - 3G / 4G GSM Version
- Internal Relays Available On-Demand
- Choice of Customised Labelling
- RoSH, CE & FCC Compliant.



A professional industrial telephone that provides a full duplex operation for heavy industrial, public or emergency use. Designed to meet the needs of clients who experience loss or damage through heavy use and vandalism.

Fully contained within a durable rolled steel case, the IP55 rating provides further protection against dust and moisture ingress, this is a highly reliable product with a long MTBF (50,000 hours). The robust handset is manufactured from molded bulk compound and designed specifically to withstand arduous use, with armoured cord and metal call buttons, provides additional resistance to vandalism or heavy industrial use. Very easy to install. The cable entrance through the back of the phone, this to prevent from artificial damage.

#### Versions:

**Analogue** powered by standard analogue line, connects 2 wire – DTMF Config.

**VoIP SIP** powered by PoE – RJ45 connection to IP PBX and configured by web browser,

**3G or 4G Network** supports Standard size SIM Card, powered by 12V DC mains adaptor configured remotely by SMS messaging

<b>Casing Material</b>	CRS with industrial epoxy powder coated finish
<b>Colour</b>	Yellow, grey, red, other RAL colours on demand
<b>Handset Material</b>	Impact resistant ABS / stainless-steel spiral cord
<b>Keypad</b>	Chrome Keys
<b>Ringing Tone</b>	Shrill warble tone 80 dBA @1 metre typical
<b>Hook Switch</b>	Electric / magnetic no visible moving parts
<b>IP Resistance</b>	IP55-IP65 OD
<b>Temperature</b>	Operating: -30°C to +65°C Storing: -40°C to +75°C





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## STANDARD ANALOGUE SPECIFICATION

As a standard analogue telephone, this unit provides basic telephone functions and can be connected to any standard two-wire telephone line, including analogue PABX lines and PSTN.

**Dialling MF (tone)**

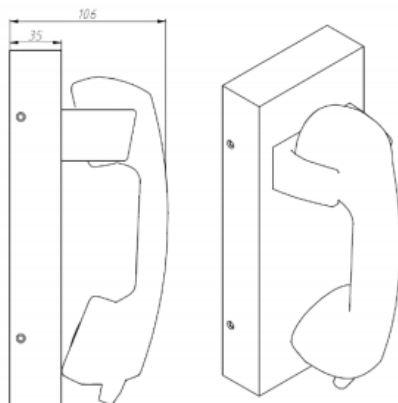
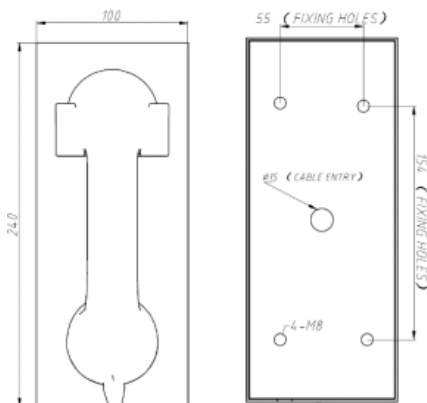
**Ringing Tone** Shrill warble tone 80 dBA @ 1 metre typical

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

**Programming** Can be programmed remotely by DTMF tone or by using the keypad

## GSM / 3G TECHNICAL SPECIFICATIONS

<b>SIM</b>	Standard Size SIM card
<b>Working Frequency Range</b>	
<b>GSM</b>	GSM850/900/1800/1900MHZ
<b>3G</b>	WCDMA850/1900/2100MHz GSM850/900/1800/1900MHz
<b>Adapter Input</b>	7.4 V-12V DC
<b>Power Consumption</b>	Idle current: 75mA
<b>Off hook current</b>	160mA
<b>Ringing Tone</b>	Shrill warble tone 90 dBA @ 1 metre typical



## VoIP SIP Version

<b>Power Supply</b>	POE 100-240VAC 50~60Hz Output:5V/1A
<b>Port</b>	WAN: 10/100Base-T RJ-45 for LAN, Auto MDIX LAN: 10/100Base-T RJ-45 for PC, Auto MDIX
<b>Power Consumption</b>	Idle:1.5W/ Active:1.8W
<b>Main Chip:</b>	Broadcom
<b>Communication Type</b>	Full Duplex

## Voice Features

- Support 2 lines 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
- support 2 servers
- 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
- Qos supports Diff. serv.
- Support network tools: contain ping, trace route, telnet client

## Ambient Conditions

<b>Protection Type</b>	IP55 / IP65, Conforms to EN60529
<b>Operating Temperature</b>	-30°C to +65°C
<b>Storage Temperature</b>	-40°C to +75°C
<b>Unit size</b>	240 *100 *165(mm)
<b>Packaging Size</b>	340 *235 *165( mm )
<b>Packaging</b>	Pearl Cotton, Carton
<b>Gross weight</b>	3.5 KG
<b>M.T.B.F.</b>	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.

