



WRR-11-A

WRR-41-A

WRR-11-A/41-A

Weather Resistant Ringdown Telephones

Australian Version



FEATURES and BENEFITS

- Magnetic-reed hook switch to reduce parts subject to wear
- Encapsulated circuitry impervious to water condensation and dust
- Hinge turns on nylon bushings to avoid jamming caused by salt or corrosion
- Spring-loaded door for automatic closure
- Surge arrestor to prevent voltage spike damage
- Heavy duty familiar G type industrial hand set
- Electret noise reducing microphone for clear communication
- Temp. range -40° to +60°C (-40° to +140°F)
- Water proof connections & stainless steel fittings for longer life
- Compact durable enclosure with mounting plate for easy mounting
- Modular parts for easy service
- Hearing aid compatible
- Electronic ringer for reliability
- Sun yellow enclosure for high visibility. Optional grey enclosure
- Weather, dust & corrosion resistant for any industrial application
- Easily connected to any telephone network for acceptance on any single line analog CO or PABX telephone line
- Steel powder coated faceplate to eliminate corrosion
- Front access plate for ease of hook-up

APPLICATIONS

These telephones are designed to provide reliable communications in environments subject to moisture, dust and corrosive chemicals, such as:

- Airports
- Amusement Parks
- Cement Plants
- Construction Sites
- Docksides
- Food Processing
- Greenhouses
- Mines
- Parking Garages
- Plant Entry Gates
- Pulp & Paper Mills
- Sewage Plants
- Ships
- Swimming Pools
- Transit Authorities
- Universities
- Warehouses
- and more...

INSTALLATION and CONNECTABILITY

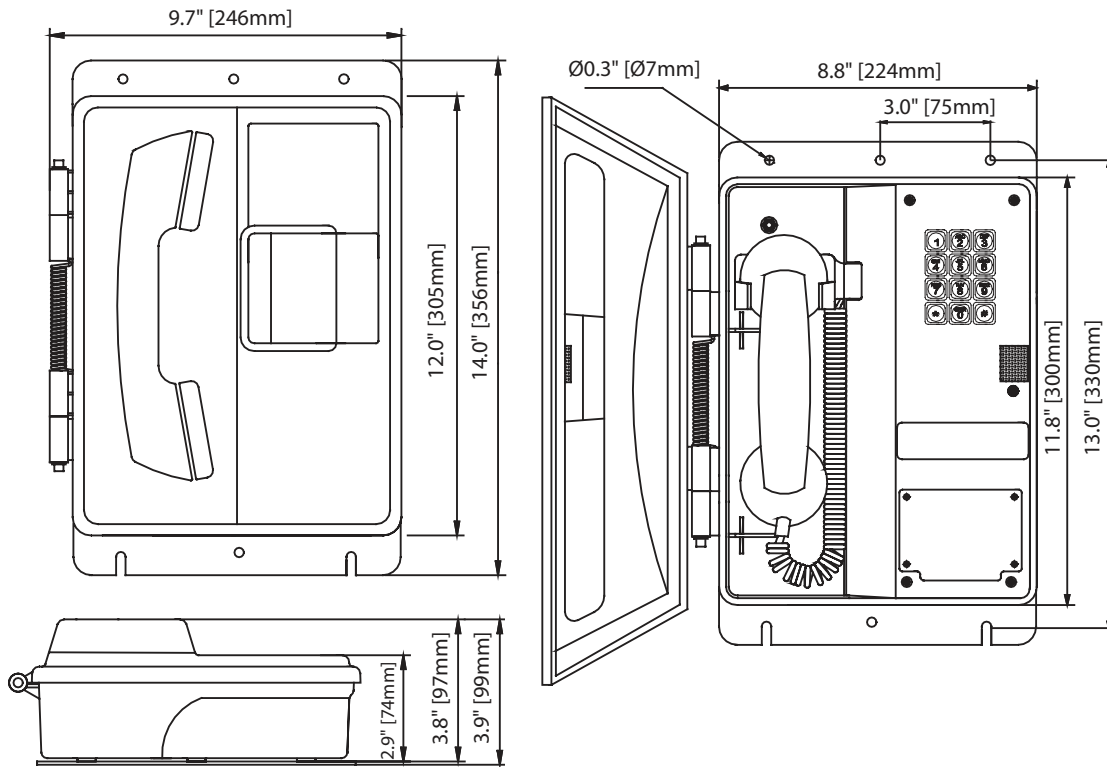
To provide flexibility and potential for growth, telephones are easily and economically connected to any telephone network by standard wiring and components. Voice quality is unaffected when phones are connected within ~ 4,600 metres (15,000 feet) of a main telephone switch accepting single line telephones. Meeting safety standards may require use of special wiring conduits or other considerations.

Guardian's WRR-11-A and WRR-41-A are Weather Resistant Ringdown Telephones and are particularly suitable for use under extreme working conditions, providing reliable communications. Specially designed for outdoor environments, lift the handset, and PBX programming routes the call to its assigned location.

Guardian
Telecom Inc.

ISO 9001 Today's Quality Creates Our Future

OVERALL DIMENSIONS



WRR-11-A / WRR-41-A Weather Resistant Ringdown Telephones

ENGINEERING SPECIFICATIONS

ELECTRICAL PERFORMANCE

Audio Range Frequency Response	300 - 3400 Hz
Connection Method	Hot Line Operation
Send Loudness Rating (SLR)	Short 8 dB +/- 4 dB
Receiver Loudness Rating (RLR)	Short -4 dB +/- 4 dB
Side Tone Masking Rating (STMR)	> 11 dB
Ringer Output	75 dB MAX
Ringer Equivalence	0.5
Set Impedance	600 Ohms Nominal
Maximum Loop	~ 4,600m (15Kft) of 22 AWG Copper

ELECTRICAL REQUIREMENTS

Ringer Sensitivity	40 - 100 V, 16 - 25 Hz
Line Voltage	24 - 56 VDC
Loop Current	20 - 120 mA
Connection Method	Surge Arrestor

MECHANICAL SPECIFICATIONS

Hook Switch (Cradle Switch) Life	> 1 000 000 Operations
Body Construction	GE Valox 357® Engineering Polymer
Body Dimensions (H x W x D)	305 x 246 x 99mm (12.0" x 9.7" x 3.9")
Net Weight	2.5 kg (5.5 lbs)
Hand Set Construction	High Impact ABS
Mounting	Vertical wall
Microphone	Noise Reducing Electret
Receiver	Hearing Aid Compatible
Hardware Material	Stainless Steel

ENVIRONMENTAL

Temperature	-40° to +60°C (-40° to +140°F)
Humidity	0 - 95% RH non-condensing
Dust Resistant	Fully Gasketed Faceplate
Weather Proof Enclosure	Type 3R

COMPLIANCE

Australian Communications Authority	N14510
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ORDERING INFORMATION

Warranty: One year parts and labor

Order Number	Description
P6051	WRR-11-A Ring Down Version, 6" Curly Cord
P6054	WRR-41-A Ring Down Version, 22" Armored Cord

Options	Description
20C	20' Curly Cord (Bottom of Enclosure is Notched)
NC	Dynamic Noise Canceling Microphone
GR	Grey Enclosure

Guardian pursues a policy of continuous improvement, therefore specifications are subject to change without notice.



Enhancing Communications
Through Innovation and
Expertise

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