

# WRR-11/WRR-41

## Weather Resistant Ringdown Telephones

### WRR SERIES OUTDOOR/INDOOR INDUSTRIAL ANALOG NON-HAZARDOUS TELEPHONES

- WRR-11 Direct Call Ringdown/Volume Control Handset/Heavy Duty Coil Cord
- WRR-41 Direct Call Ringdown/Volume Control Handset/Armored Cord

### 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 industrial handset, with volume control
- Electret noise reducing microphone for clear communication
- Temperature range -76° to +176°F (-60° to +80°C)
- Water proof connections & stainless steel fittings for longer life
- Compact durable enclosure, mounting plate on WRR-41 only
- Modular parts for easy service
- Hearing aid compatible
- Electronic ringer for reliability
- Yellow enclosure for high visibility. Optional grey enclosure and other custom color options available
- Weather, dust & corrosion resistant for any industrial application
- Easily connected to any single line analog CO or PABX telephone line
- Corrosion protected steel powder coated faceplate
- Front access plate for ease of hook-up
- (Optional) Auto Dialer

### APPLICATIONS

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

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



### WR RANGE OF TELEPHONES

Guardian's WR RANGE Weather Resistant Industrial Telephone Series are designed for rough-service areas, special communication needs, that ensure high quality communications under extreme working conditions.

### WRR SERIES OF TELEPHONES

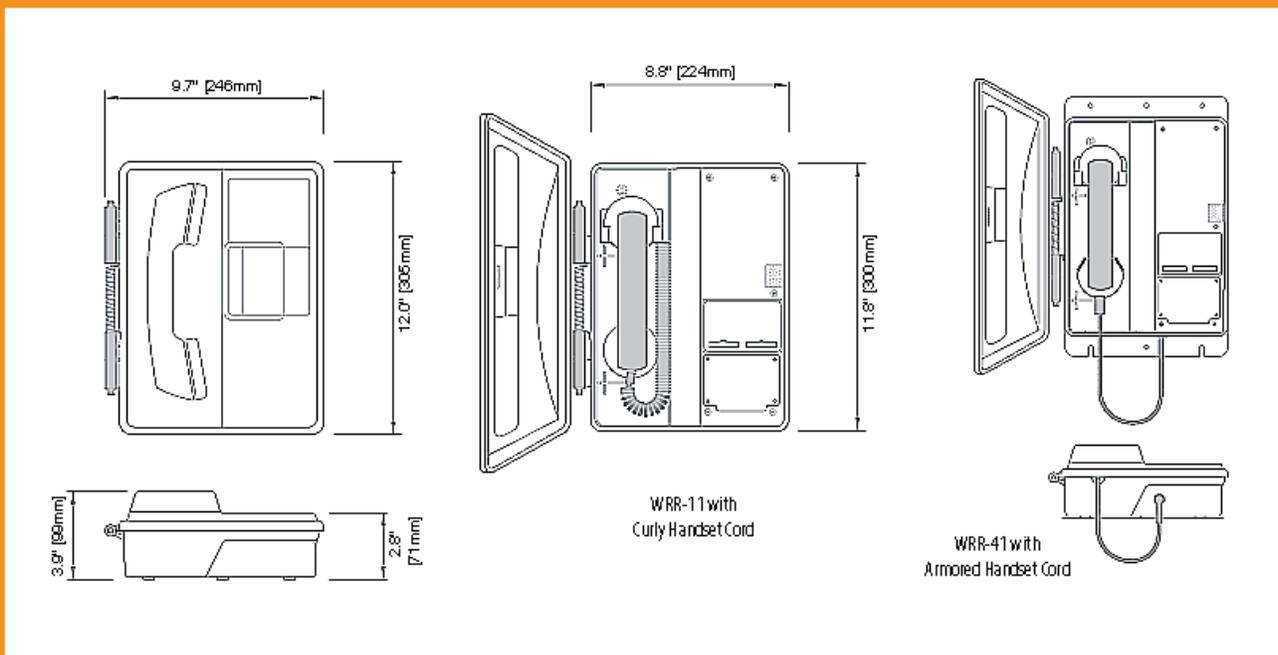
Guardian's WRR SERIES Weather Resistant Industrial Telephone Series provide reliable service in outdoor environments.



**tough. trusted. true.**



## OVERALL DIMENSIONS



WRR-11 • WRR-41 Weather Resistant Ringdown Telephones

## ENGINEERING SPECIFICATIONS

### ELECTRICAL PERFORMANCE

Audio Range Frequency Response	300 - 3400 Hz
Dialing Method	Hotline Operation
Transmit Objective Loudness Rating (TOLR)	Nominal -38 +/- 3 dB
Receiver Volume Adjustment	3 steps up / 2 steps down 8.1dB / 5.1 dB
Receiver Objective Loudness Rating (ROLR)	Nominal 50 +/- 3 dB
- receiver volume at maximum	41.9 +/- 3 dB
- receiver volume at minimum	55.4 +/- 3 dB
Side Tone Objective Loudness Rating (SOLR)	Nominal 11 +/- 4 dB
- receiver volume at maximum	7 +/- 4 dB
- receiver volume at minimum	14 +/- 4 dB
Ringer Output	>75 dB
FCC Ringer Equivalence	0.8 B
Set Impedance	600 Ohms Nominal
Maximum Loop	15Kft ( ~4,600m ) of 22 AWG Wire

### 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
Faceplate	Corrosion Protected & Powder Coated
Net Weight (including mounting plate)	7.5 lbs ( 3.4 kg )
Shipping Weight (including mounting plate)	8.0 lbs ( 3.7 kg )
Shipping Dimensions ( H x W x D )	15.0" x 5.0" x 11.5" ( 381 x 127 x 293 mm )
Hand Set Construction	High Impact Polycarbonate
Mounting	Vertical Wall
Wiring Access	7/8" ( 22.2mm ) Opening for Owner Supplied Fitting
Microphone	Noise Reducing Electret
Receiver	Hearing Aid Compatible
Hardware Material	Stainless Steel

### ENVIRONMENTAL

Weather Proof Enclosure	Type 3R
Temperature	-76° to +176°F ( -60° to +80°C )
Humidity	0 - 95% RH Non-Condensing
Corrosion Resistant	Full Gasket Faceplate

### COMPLIANCE

Industry Canada	1012-6721A
FCC	HQHCAN - 22517 - TE - E

### ORDERING INFORMATION

Warranty: Three years parts and labor

Order No.	Description
P6076	WRR-11 Volume Control Handset/Curly Cord
P6077	WRR-41 Volume Control Handset with Armored Cord/Mounting Plate
<b>Options</b>	
MP	Mounting Plate (Included with WRR-41)
20VC-WRT/WRR	20' (6.1m) Curly Cord for WRR-11
36AVC	36" (9m) Armored Handset Cord for WRR-41
72AVC	72" (1.8m) Armored Handset Cord for WRR-41
CH	Conduit Hub
NC	Noise Canceling Microphone
GRV	Grey Enclosure
RED	Red Enclosure
RC-WRT/WRR	Retainer Clips — must be ordered with phone (standard on WRR-41)
AD	Auto Dialer

Distributed by:



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