

# WRR SERIES

## Weather Resistant 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 non-hazardous environments subject to moisture, dust and corrosive chemicals such as:

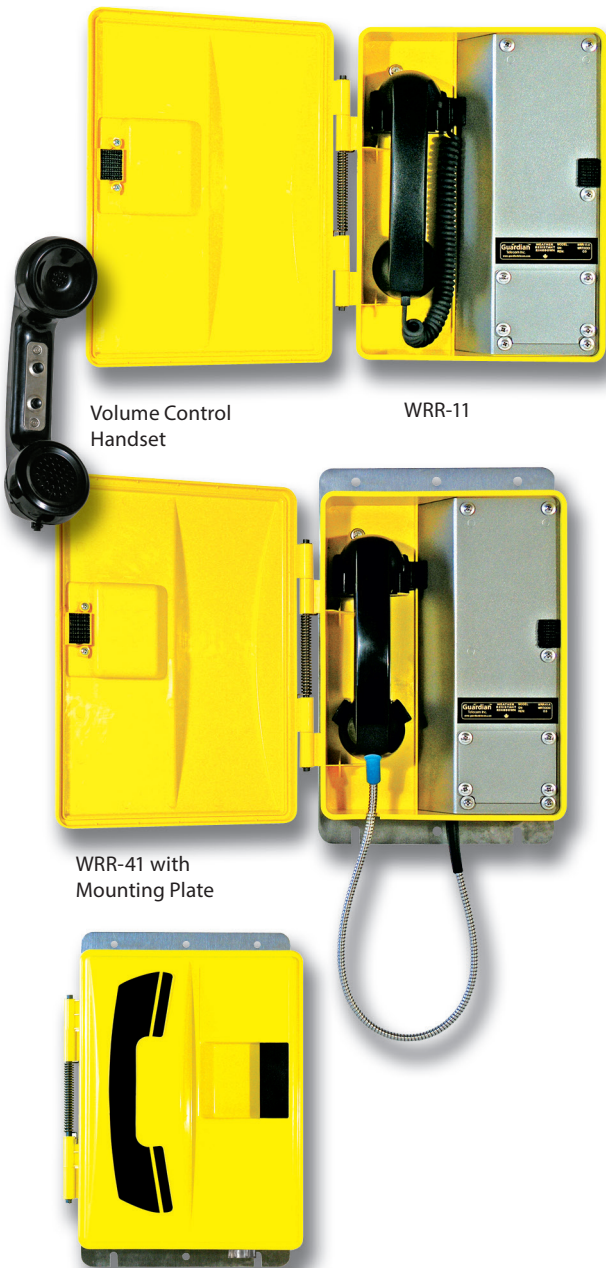
Universities	Public Safety Purposes	Transit Authorities
Public Access Areas	Swimming Pools	Mass Transit
Road Networks	Business Park	Remote Locations
Amusement Parks	Parking Garages	Mines
Cement Plants	Plant Entry Gates	Airports
Secure Access Entry	Industrial Facilities	Docksides
Sewage Plants	Construction Sites	Warehouses
Greenhouses	Food Processing Facilities	and more ...

### WR RANGE OF TELEPHONES

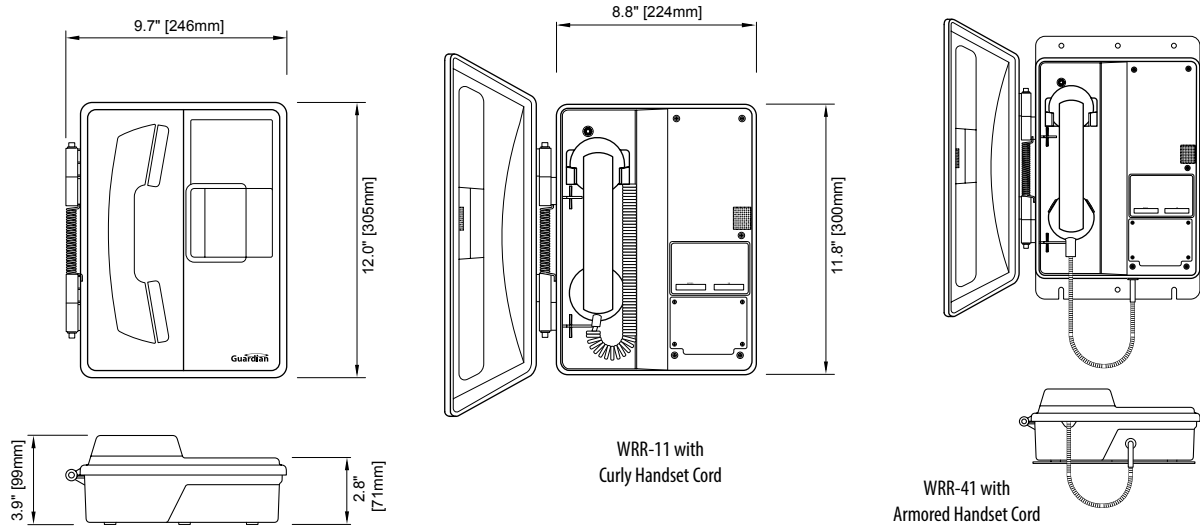
Guardian's WR RANGE Weather Resistant Industrial Telephone Series are designed for rough-service areas, special communication needs, that ensure high quality communications under extreme working conditions.

### WRR SERIES OF TELEPHONES

Guardian's WRR SERIES Weather Resistant Industrial Telephone Series are designed for moderately harsh indoor/outdoor environments where standard phones are not suitable. Resists moisture, dust and harmful corrosive chemicals.



## OVERALL DIMENSIONS



WRR-11 SERIES 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
Temperature
Humidity
Corrosion Resistant

Type 3R
-76° to +176°F ( -60° to +80°C )
0 - 95% RH Non-Condensing
Full Gasket Faceplate

### COMPLIANCE

Industry Canada  
FCC



1012-6721A  
HQHCAN - 22517 - TE - E

## ORDERING INFORMATION

Warranty: Five 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
Options	
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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