

WRR - 11/41 FREEDOM SERIES Weather Resistant Telephone Ring Down Version

FEATURES and BENEFITS

- Magnetic-reed hook switch to reduce parts subject to wear
- Encapsulated circuitry impervious to water and particles
- Hinge turns on nylon bushing to avoid jamming caused by salt or corrosion
- Spring-loaded door for automatic closure
- Surge arrester 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 for easy mounting
- Modular parts for easy service
- Hearing aid compatible for total user compatibility
- Electronic ringer for reliability
- Sun yellow enclosure for high visibility. Optional Grey enclosure
- Weather, dust & corrosion resistant for any industrial application
- Tone or pulse dialing for universal configuration
- Easily connected to any telephone network for acceptance on any single line analog CO or PABX telephone line
- Stainless steel face plate to eliminate corrosion
- Volume control to ensure communication in noisy environments
- Front access plate for ease of hook-up
- (Optional) Auto dialer

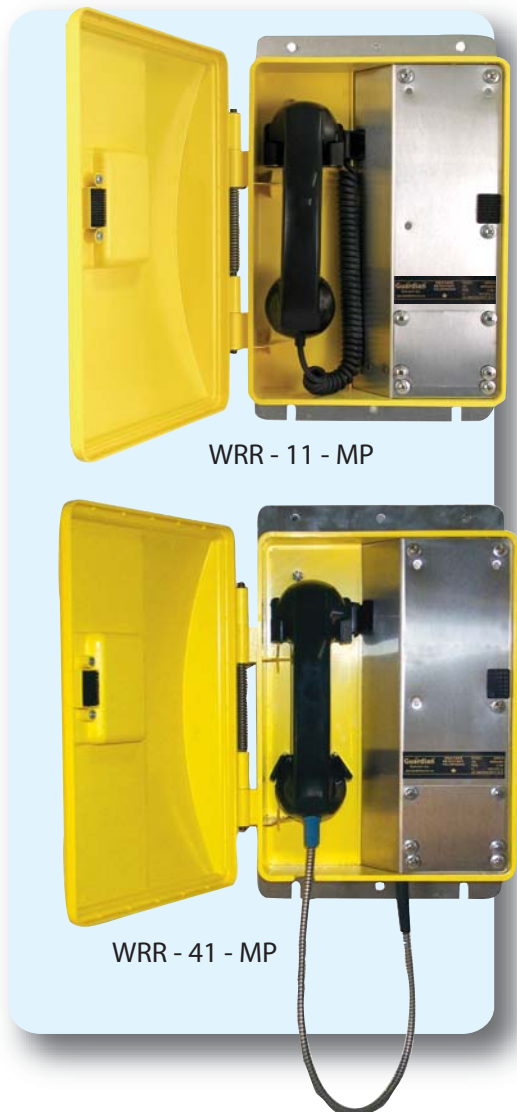
APPLICATIONS

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

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

INSTALLATION & 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.



Designed for rough-service areas with limited, special communication needs. The WRR 11/41 FREEDOM SERIES assures high quality communications under extreme working conditions. Lift the handset, and PBX programming or an optional autodialer routes the call to it's assigned location.

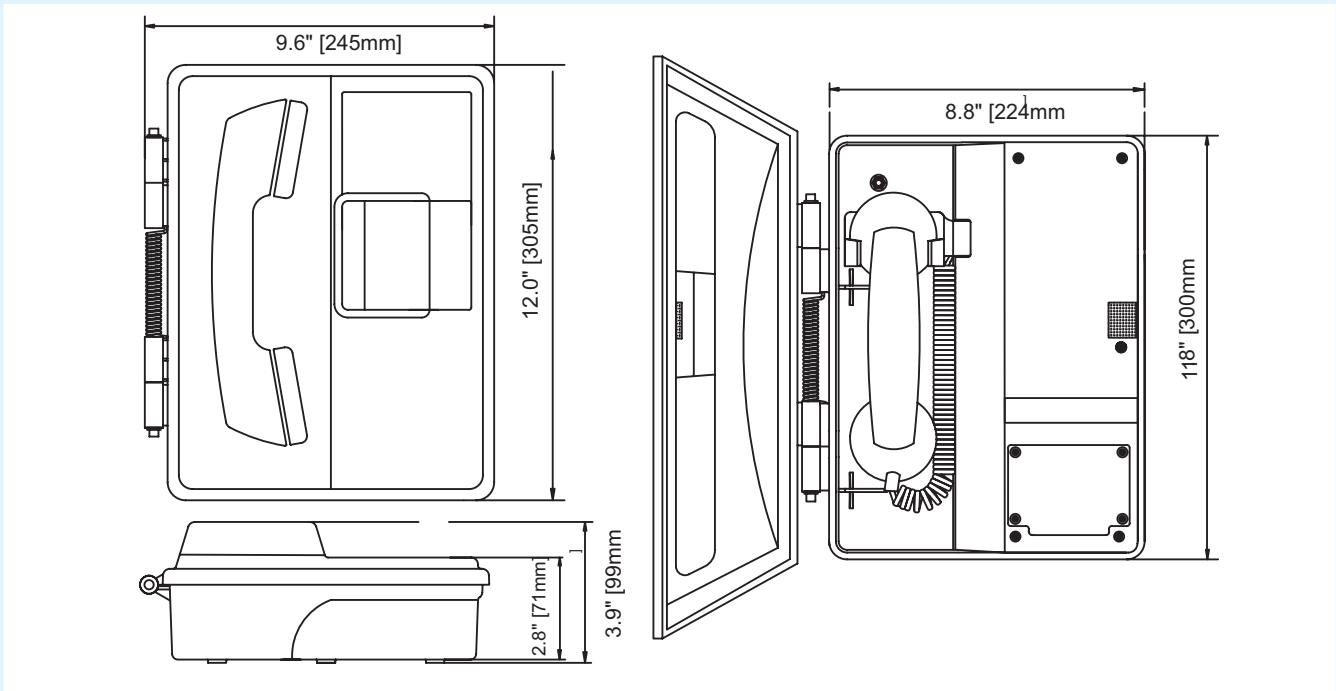
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WRR - 11/41 OVERALL DIMENSION DETAIL



ENGINEERING SPECIFICATIONS

ELECTRICAL PERFORMANCE

Audio Range Frequency Response	300 - 3400 Hz
Dialing Method: Hot Line Operation	DTMF or 40/60 pulse at 10 PPS
Transmit Objective Loudness Rating (TOLR)	Typical 52 +/- 3dB
Receiver Volume Adjustment	+ 8.1 / 5.4 dB
Receiver Objective Loudness Rating (ROLR)	Typical 52 +/- 3 dB
- receiver volume at maximum	43.9 +/- 3 dB
- receiver volume at minimum	57.4 +/- 3 dB
Side Tone Objective Loudness Rating (SOLR)	Typical 11 +/- 4 dB
- receiver volume at maximum	7 +/- 4 dB
- receiver volume at minimum	14 +/- 4 dB
Ringer Output	>80 dB
FCC Ringer Equivalence	0.4A
Set Impedance	600 ohms nominal
Maximum Loop	4,600m (15,000ft) 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
Dimensions	305 x 246 x 99 mm (12.0 x 9.7 x 3.9 in)
Net Weight	2.5 kg (5.5 lb.)
Handset Material	High impact ABS
Microphone	Noise reducing electret
Receiver	Hearing aid compatible
Standard Mounting	Vertical wall

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

ENVIRONMENTAL

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

APPROVALS

Industry Canada	1012 6721 A
FCC	HQHCAN-22517-TE-E
Weather Proof Enclosure	Type 3R
Environmental Survivability	MIL-STD810E

ORDERING INFORMATION

Warranty: One year parts and labor.

ORDER NUMBER

DESCRIPTION

WRR - 11 (P6076) Ring Down Version, 6" Curly Cord
WRR - 41 (P6077) Ring Down Version, 22" Armored Cord

OPTIONAL EQUIPMENT

MP-Stainless Steel Mounting Plate
LC-RJ11 Line Cord
20C -20' Curly Cord (Bottom of Enclosure is Notched)
NC-Dynamic Noise Cancelling Microphone
AD-Internal Autodialer
GR-Grey Enclosure
CH-Conduit Hub

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