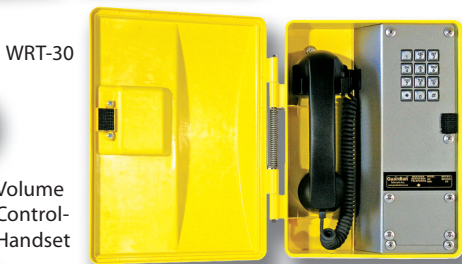


WRT-10

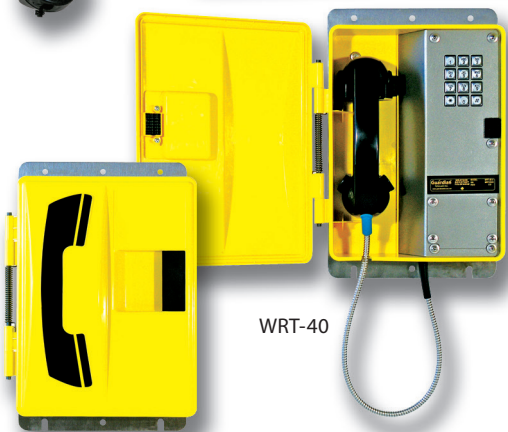


WRT-20



WRT-30

Volume Control-Handset



WRT-40

WRT SERIES

Weather Resistant Telephones

WRT SERIES OUTDOOR/INDOOR INDUSTRIAL ANALOG NON-HAZARDOUS TELEPHONES

- WRT-10 - Teleseal Keypad/Volume Control Handset/Curly Cord
- WRT-20 - Membrane Keypad/Volume Control on Keypad/Curly Cord
- WRT-30 - Metal Keypad/Volume Control Handset/Curly Cord
- WRT-40 - Metal Keypad/Volume Control Handset/ Armored Cord/Mounting Plate

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
- Volume control to ensure communication in noisy environments
- Electret noise reducing microphone for clear communication
- Temperature range:
 - WRT-10, WRT-30, WRT-40 -76° to +176°F (-60° to +80°C)
 - WRT-20 -40° to +140°F (-40° to +60°C)
- Water proof connections & stainless steel fittings for longer life
- Compact durable enclosure, mounting plate on WRT-40 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
- Tone or pulse dialing for universal configuration
- Easily connected to 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:

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 of Telephones are weather resistant and deliver reliable communications under adverse conditions.

WRT SERIES OF TELEPHONES

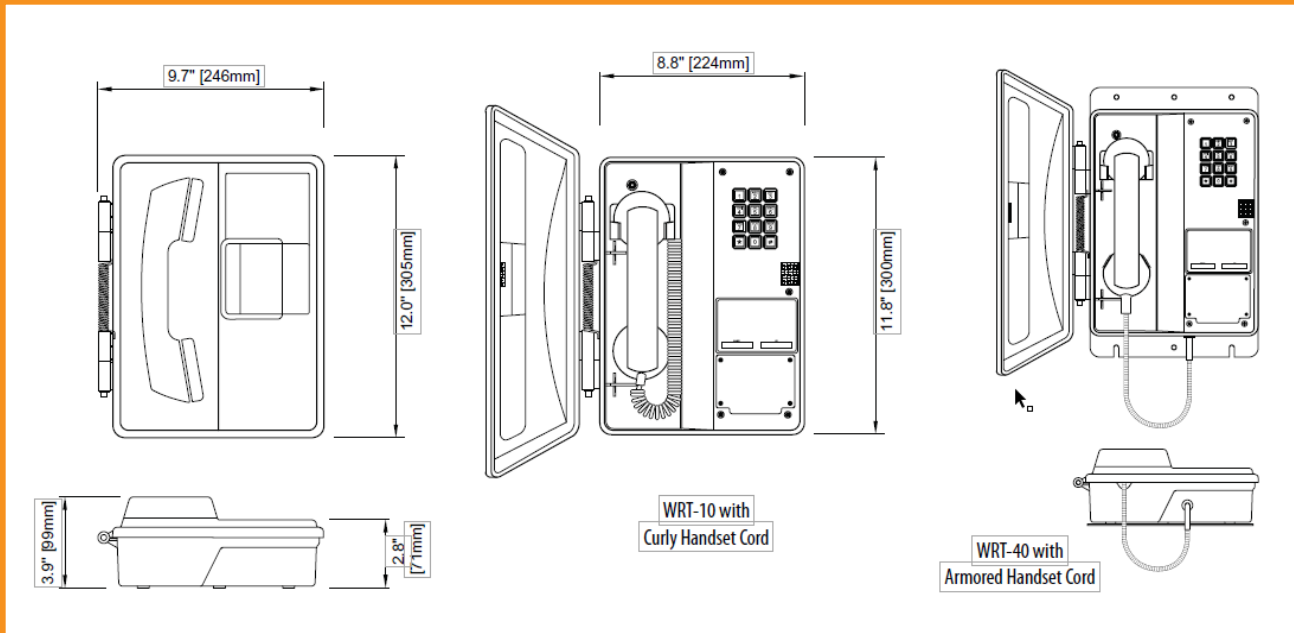
WRT SERIES Outdoor/Indoor Industrial Analog Non-Hazardous Telephones are specially designed to provide reliable service in outdoor/ indoor environments, WRT Series Outdoor/Indoor Industrial Analog Non-Hazardous Telephones resist moisture, dust and corrosive chemicals.



tough. trusted. true.



OVERALL DIMENSIONS



WRT Series Weather Resistant Telephones

ENGINEERING SPECIFICATIONS

ELECTRICAL PERFORMANCE

Audio Range Frequency Response	300 - 3400 Hz
Dialing Method	DTMF or 40/60 Pulse @10 PPS
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
Memory Dial	} WRT-20 Only
Flash	
Mute	
Ringer Output	10 Quick Dial Numbers 20 Digits Each
FCC Ringer Equivalence	600 mSec Timed Disconnect
Set Impedance	Press Key to Mute Transmitter
Maximum Loop	Between 75 and 80 dB
	0.8 B
	600 Ohms Nominal
	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)	7.0 lbs (3.2 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
Microphone	Noise Reducing Electret
Receiver	Hearing Aid Compatible
Hardware Material	Stainless Steel

COMPLIANCE

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

ENVIRONMENTAL

Weather Proof Enclosure	Type 3R
Temperature:	
WRT-10, WRT-30, WRT-40	-76° to +176°F (-60 to +80°C)
WRT-20	-40° to +140°F (-40 to +60°C)
Humidity	0 - 95% RH Non-Condensing
Corrosion Resistant	Full Gasket Faceplate

INSTALLATION and CONNECTABILITY

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

ORDERING INFORMATION

Warranty: Three years parts and labor

Order No.	Description
P6072	WRT-10 Teleseal Keypad/Volume Control Handset/Curly Cord
P6073	WRT-20 Membrane Keypad/Volume Control on Keypad/Curly Cord
P6074	WRT-30 Metal Keypad/Volume Control Handset/Curly Cord
P6075	WRT-40 Metal Keypad/Volume Control Handset/ Armored Cord/Mounting Plate

Options

MP	Mounting Plate (Included with WRT-40)
20C-WRT/WRR	20' (6.1m) Curly Cord for WRT-20
20VC-WRT/WRR	20' (6.1m) Curly Cord for WRT-10 & WRT-30
36AVC	36" (.9m) Armored Handset Cord for WRT-40
72AVC	72" (1.8m) Armored Handset Cord for WRT-40
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 WRT-40)

Distributed by:



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