



WRT-A Series

Weather Resistant Telephones

WRT-10-A • WRT-30-A • WRT-40-A



WRT-10-A

WRT-30-A

WRT-40-A

The Outdoor Industrial WRT-A Series Telephones are weather resistant and particularly suitable for use in adverse conditions. Specially designed to provide reliable service in outdoor environments, the WRT-A telephones resist moisture, dust and corrosive chemicals.



**Enhancing Communication
Through Innovation
And Expertise**

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
- Temperature range -40° to +60°C (-40° to +140°F)
- Water proof connections & stainless steel fittings for longer life
- Compact durable enclosure with stainless steel mounting plate for easy mounting
- Modular parts for easy service
- Hearing aid compatible
- Electronic ringer for reliability
- Yellow enclosure for high visibility.
- Weather, dust & corrosion resistant for any industrial application
- 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:

- 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...

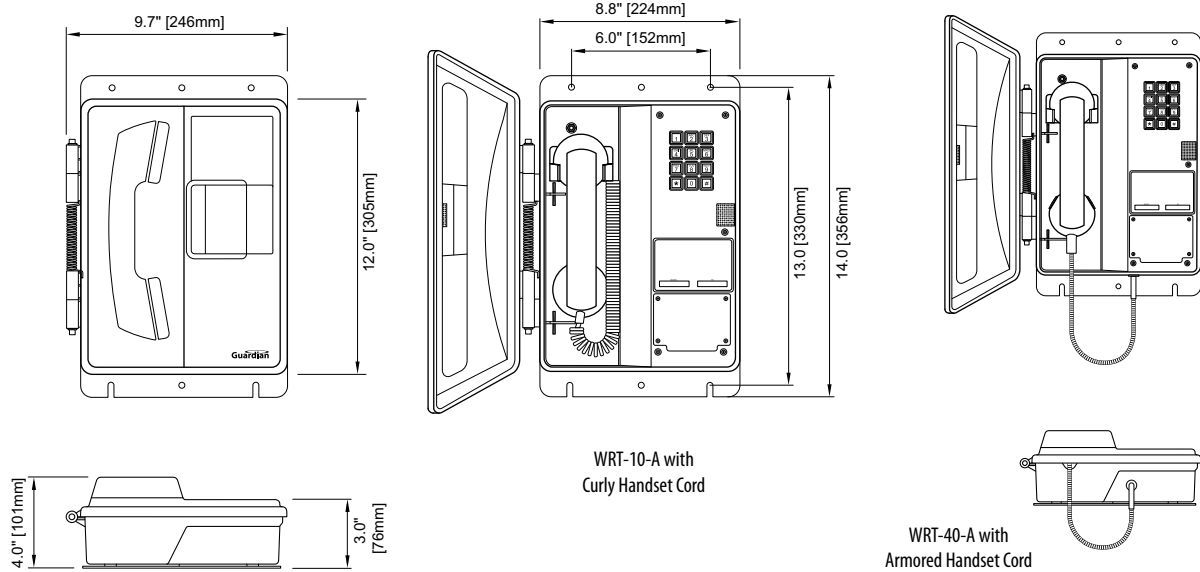
INSTALLATION and CONNECTABILITY

To provide flexibility and potential for growth, 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 ~ 4,600 meters (15,000 feet) of a main telephone switch supporting single line telephones. Maintaining safety standards may require use of wiring conduits or other considerations.

ACCESSORIES and OPTIONS

- 20C – 6m (20') Curly cord
- 36AC – .9m (36") Armored Handset Cord
- 72AC – 1.8m (72") Armored Handset Cord
- CH – Conduit hub
- NC – Noise canceling microphone

OVERALL DIMENSIONS



WRT-A Series Weather Resistant Telephones

ENGINEERING SPECIFICATIONS

ELECTRICAL PERFORMANCE

Audio Range Frequency Response	300 - 3400 Hz
Dialing Method	DTMF or 33/66 pulse at 10 PPS
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
FCC 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
Net Weight (including mounting plate)	3.2 kg (7.0 lbs)
Shipping Weight (including mounting plate)	3.7 kg (8.0 lbs)
Shipping Dimensions (H x W x D)	381 x 127 x 293 mm (15.0" x 5.0" x 11.5")
Hand Set Construction	High impact ABS
Mounting	Vertical wall
Microphone	Noise Reducing Electret
Receiver	Hearing Aid Compatible
Hardware Material	Stainless Steel

ENVIRONMENTAL

Weather Proof Enclosure	Type 3R
Temperature	-40° to +60°C (-40° to +140°F)
Humidity	0 - 95% RH Non-Condensing
Corrosion Resistant	Full Gasket Faceplate

COMPLIANCE

Australian Communications Authority	N14510
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ORDERING INFORMATION

Warranty: One year parts and labor

Order No.	Description
P6050	WRT-10-A 6' Curly Cord, Teleseal Keypad
P6052	WRT-30-A 6' Curly Cord, Metal Keypad
P6053	WRT-40-A 22" Armored Cord, Metal Keypad

Options

20C	20' Curly Cord (Bottom of Enclosure is Notched)
36AC	36" (.9m) Armored Handset Cord for WRT-40
72AC	72" (1.8m) Armored Handset Cord for WRT-40
CH	Conduit Hub
GRV	Grey Enclosure
NC	Dynamic Noise Canceling Microphone



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