

ACT Series Cast Aluminum Telephones

ACT SERIES OUTDOOR/INDOOR INDUSTRIAL ANALOG NON-HAZARDOUS TELEPHONES

- ACT-30 Metal Keypad/Volume Control Handset/Curly Handset Cord
- ACT-40 Metal Keypad/Volume Control Handset/Armored Handset Cord

FEATURES and BENEFITS

- Cast aluminum enclosure
- Weather, dust & corrosion resistant for any industrial application
- Locking or non-locking door
 - Lock version limits access to authorized personnel only
 - Key is common to all locks
- Spring loaded door and magnetic latch standard
- Magnetic reed hook switch to reduce parts subject to wear
- Encapsulated circuitry impervious to water and corrosive agents
- Hinge turns on nylon bushings to avoid jamming caused by salt or corrosion
- Surge arrestor to prevent voltage spike damage
- Heavy duty G type industrial handset
- Volume control to ensure communication in noisy environments
- Electret noise reducing microphone for clear communication
- Operating temp: -40° to +140°F (-40° to +60°C)
- Waterproof connections & stainless steel fittings for longer life
- Modular parts for easy service
- Hearing aid compatible
- Electronic ringer for reliability
- Tone or pulse dialing for universal configuration
- Easily connected to any single line analog CO or PABX telephone line

APPLICATIONS

These telephones are designed to provide reliable communications in environments prone to abuse and inclement weather:

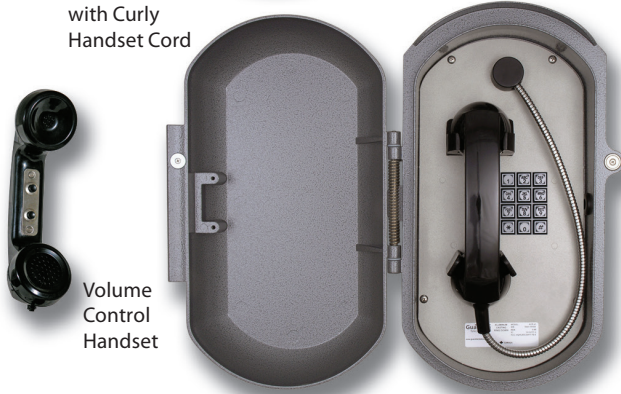
Universities	Transit Authorities	Roadside Emergency
Mines	Swimming Pools	Call Boxes
Airports	Parking Garages	Food Processing Facilities
Warehouses	Plant Entry Gates	Cement Plants
Docksides	Pulp & Paper Mills	Sewage Plants
Greenhouses	Construction Sites	and more ...

INSTALLATION and CONNECTABILITY

ACT Series Cast Aluminum Telephones are designed to connect to any standard telephone network. To maintain safety standards, the use of electrical conduits and adherence to local codes may be required. Telephones are set for standard DTMF tone dialing, but may be set up for 40/60 pulse operation if required. To maintain voice quality, a telephone should be connected within 15,000 ft. (~4,600 meters) of a main telephone switch which accepts single line telephones.



ACT-30
Cast Aluminum
with Curly
Handset Cord



Volume
Control
Handset



ACT-40
Cast Aluminum
with Armored
Handset Cord



Pole Mount
Kit

AC RANGE OF TELEPHONES

Guardian's AC RANGE meets the demanding requirements of sites that are prone to abuse and inclement weather. Rated for Moderately Harmful and Adverse Areas.

ACT SERIES OF TELEPHONES

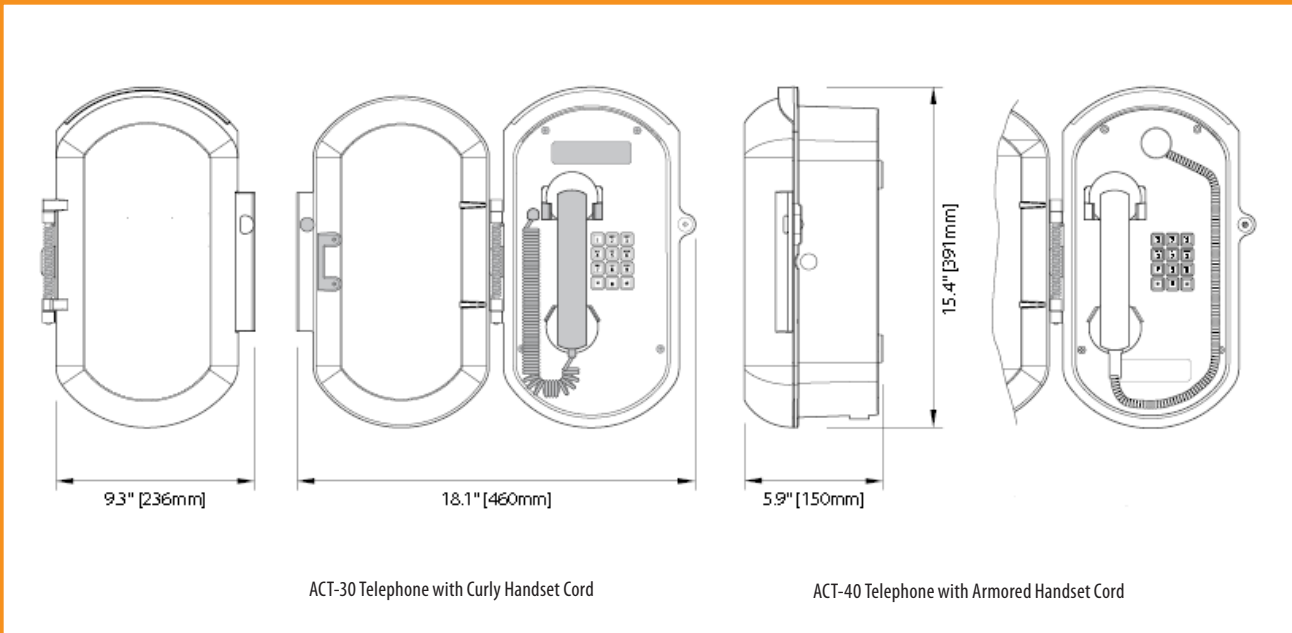
Guardian's ACT-30 & ACT-40 Cast Aluminum Telephones are housed in a locking or non-locking aluminum enclosure, these telephones resist moisture, dust and corrosive chemicals. They are specially designed to provide reliable service in outdoor environments.



tough. trusted. true.



OVERALL DIMENSIONS



ACT-30 Telephone with Curly Handset Cord

ACT-40 Telephone with Armored Handset Cord

ACT Series Cast Aluminum 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
Ringer Output	85 dB
FCC Ringer Equivalence	0.9 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	Terminal Block / Surge Arrestor

MECHANICAL SPECIFICATIONS

Body Construction	Cast Aluminum
Faceplate	Corrosion Protected & Powder Coated
Net Weight	12 lbs (5.5 kg)
Shipping Weight (including mounting plate)	13 lbs (5.9 kg)
Shipping Dimensions (L x W x D)	16.0" x 10.5" x 9.5" (407 x 267 x 242 mm)
Hand Set Construction	High Impact Polycarbonate
Mounting	Vertical Wall
Microphone	Noise Reducing Electret
Receiver	Hearing Aid Compatible
Hardware Material	Stainless Steel
Receiver Hearing Aid Compatible	
Hardware Material Stainless Steel	

ENVIRONMENTAL

Weather Proof Enclosure	Type 3R
Storage Temp:	-58° to +176° F (-50° 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
P5422	ACT-30 Metal Keypad/Volume Control Handset/Curly Handset Cord
P5423	ACT-40 Metal Keypad/Volume Control Handset/Armored Handset Cord

Options	
PMK-ACE	Pole Mount Kit for ACE-100 Enclosure
NC	Noise Canceling Microphone
LD	Locking Door
AC-YL	Yellow Enclosure

Distributed by:



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