

CI Series Correctional Institute Telephone

CI SERIES OUTDOOR/INDOOR INDUSTRIAL ANALOG NON-HAZARDOUS TELEPHONES

- CIT-40 Metal Keypad/ Volume Control Handset /Armored Handset Cord
- CIR-41 Direct Call Ringdown/Volume Control Handset/Armored Handset Cord

CIT-40
Telephone

FEATURES and BENEFITS

- 16 AWG steel, zinc dichromate plated and powder coated
- Faceplate secured with vandal resistant screws
- Vandal resistant metal keypad, standard 3 x 4 matrix
- High Impact Polycarbonate handset with lock on caps
- Surge arrester and fuse prevents damage to the electronic circuits in the event of a high voltage spike on the telephone line
- Noise reducing microphone aids in clarity of transmission in noisy areas
- Factory set to tone (DTMF) dialing
- Pulse dialing can be ordered or configured in the field
- Armored handset cord withstands vandalism and severe use
- Hearing-aid compatible with inductively coupled hearing-aid devices
- Short 16" handset cord to reduce the chances of the handset being used as a club or chocking device
- Lift the CIR-41 handset and PBX programming or an optional Auto Dialer routes the call to its assigned location

CIR-41
Ringdown
Telephone

APPLICATIONS

These telephones are designed for use in locations that are prone to physical abuse and vandalism such as:

Correctional Facilities	Secured Areas Within Institutions
Airport Security Areas	Security/Information Areas
Transit Fare Kiosks	Secure Reception Areas
and more . . .	

INSTALLATION and CONNECTABILITY

To provide flexibility and the potential for growth, Guardian's CIT-40 & CIR-41 telephones can be easily and economically connected to any telephone network through standard wiring and parts. Voice quality is unaffected when phones are connected within 15,000 feet (~ 4,600 meters) of a main telephone switch supporting single line telephones. Guardian telephones are tone/pulse switchable. Initial settings are to tone prior to delivery (unless requested otherwise). In-service switching may require technical assistance.

Options

- NC – Noise cancelling dynamic microphone
- AD – Auto Dialer
- FB – Ringer for CIT-40

CI RANGE OF TELEPHONES

Guardian's CI RANGE meets the demanding requirements of sites that are prone to abuse and inclement weather. Rated for Rugged and High Noise Areas.

CI SERIES OF TELEPHONES

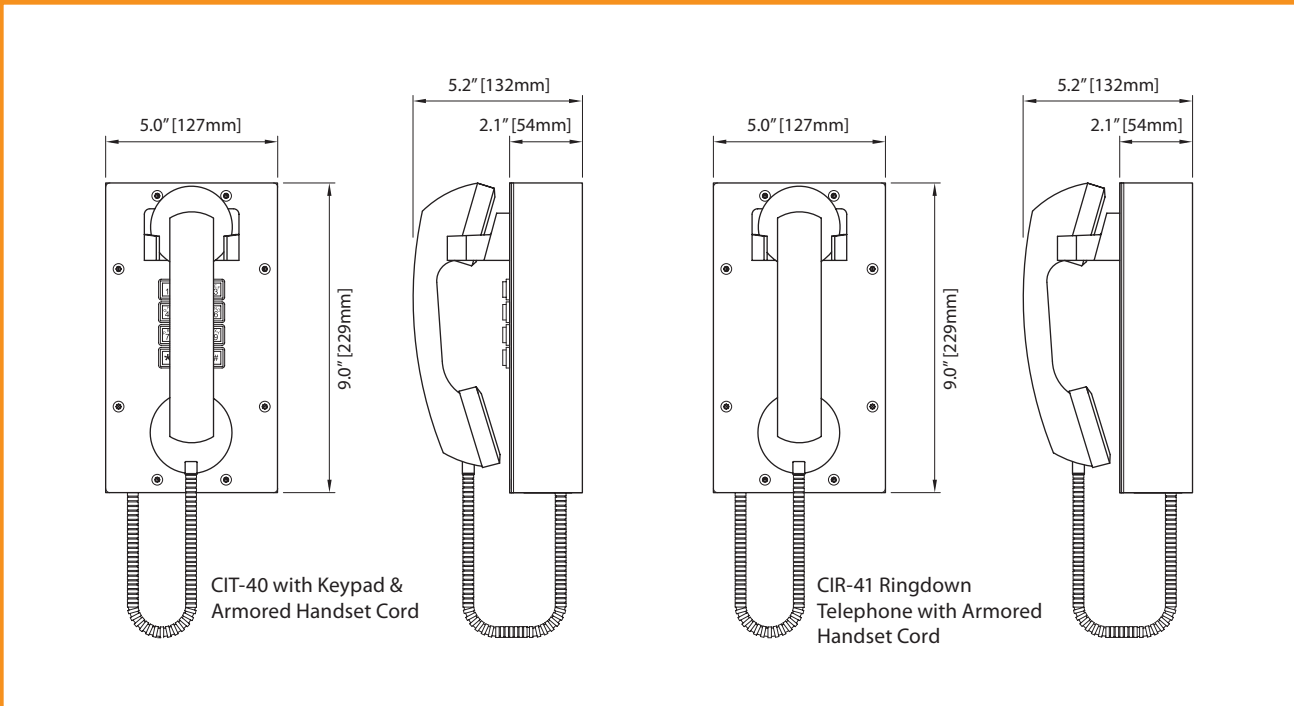
Guardian's CIT/CIR SERIES are rugged telephones designed to provide safe, reliable communication in Correctional locations prone to abuse and vandalism. The rugged nature of CIT/CIR telephones reduces overall costs to the Correctional Facilities as they are not constantly repairing or replacing these telephones in hostile environments.



tough. trusted. true.



OVERALL DIMENSIONS



CIT-40 Correctional Institute Telephone • CIR-41 Correctional Institute Ringdown Telephone

ENGINEERING SPECIFICATIONS

ELECTRICAL PERFORMANCE

Audio Range Frequency Response
 Dialing Method – CIT-40
 Connection Method – CIR-41
 Transmit Objective Loudness Rating (TOLR)
 Receiver Objective Loudness Rating (ROLR)
 Side Tone Objective Loudness Rating (SOLR)
 Ringer Output
 (CIR-41 only)
 FCC Ringer Equivalence
 Set Impedance
 Maximum Loop

300 - 3400 Hz
 DTMF or 40/60 Pulse @10 PPS
 Hotline Operation
 -40 +/- -3 dB
 Typical 50 +/- 3 dB
 Typical 11 +/- 4 dB
 >85 dB
 0.8 B
 600 Ohms Nominal
 15Kft (~4,600m) of 22 AWG Wire

ELECTRICAL REQUIREMENTS

Ringer Sensitivity
 Line Voltage
 Loop Current
 Connection Method

40 -100 V, 16 - 25 Hz
 24 - 56 VDC
 20 - 120 mA
 Terminal Strip or RJ Connectors

ENVIRONMENTAL

Waterproof Enclosure
 Operating temp:
 Storage Temp:
 Humidity
 Dust & Corrosion Resistant

CSA Type 3R
 -40° to +140°F (-40° to +60°C)
 -58° to +176°F (-50° to +80°C)
 0 - 100% RH
 Full Gasket Faceplate

MECHANICAL SPECIFICATIONS

Hook Switch (Cradle Switch) Life
 Construction
 Finish
 Net Weight
 Shipping Weight
 Shipping Dimensions (L x W x D)
 Hand Set Construction
 Mounting
 Microphone
 Microphone (Optional)
 Receiver
 Hardware Material
 Wiring Access

>1 000 000 Operations
 16 Ga Steel
 Zinc Dichromate Plated & Powder Coated
 4 lbs (1.8 kg)
 5.5 lbs (2.5 kg)
 15.0" x 5.0" x 11.5" (381 x 127 x 293 mm)
 High Impact Polycarbonate
 Vertical Wall
 Noise Reducing Electret
 Noise Canceling Dynamic
 Hearing Aid Compatible
 Stainless Steel
 Rear Opening 1.5" x 1.5" (38 x 38 mm)

ORDERING INFORMATION

Warranty: Three years parts and labor

Order No.	Description
P6969	CIT-40 Correctional Institute Telephone/Armored Handset Cord
P6978	CIR-41 Correctional Institute Ringdown Telephone/Armored Handset Cord
Options	
NC	Noise Cancelling Dynamic Microphone
AD-CIR	Auto Dialer for CIR
AD-CIT	Auto Dialer for CIT
FB	Ringer for CIT-40

Distributed by:



GUARDIAN TELECOM, a division of CIRCA ENTERPRISES INC.
 Calgary, Alberta, Canada
 Telephone: 403 258-3100 Facsimile: 403 253-4967
 1-800-363-8010 (North America)
 info@guardiantelecom.com | www.guardiantelecom.com