

CIT CIR SERIES

Correctional Institute Telephone



CIT CIR SERIES OUTDOOR/INDOOR INDUSTRIAL ANALOG NON-HAZARDOUS TELEPHONES

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

FEATURES and BENEFITS

- 14 gauge corrosion protected steel enclosure with powder coat finish.
- 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.
- Connection: RJ11 & Terminal Post.
- 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.
- Short 16" Armored handset cord with rugged 360° swivel (anti-ligature design).
- Lift the CIR-41 handset and PBX programming or an optional Auto Dialer routes the call to its assigned location.
- ADA Compliant.

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
Public Access Areas	Public Safety Purposes
and more . . .	

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.

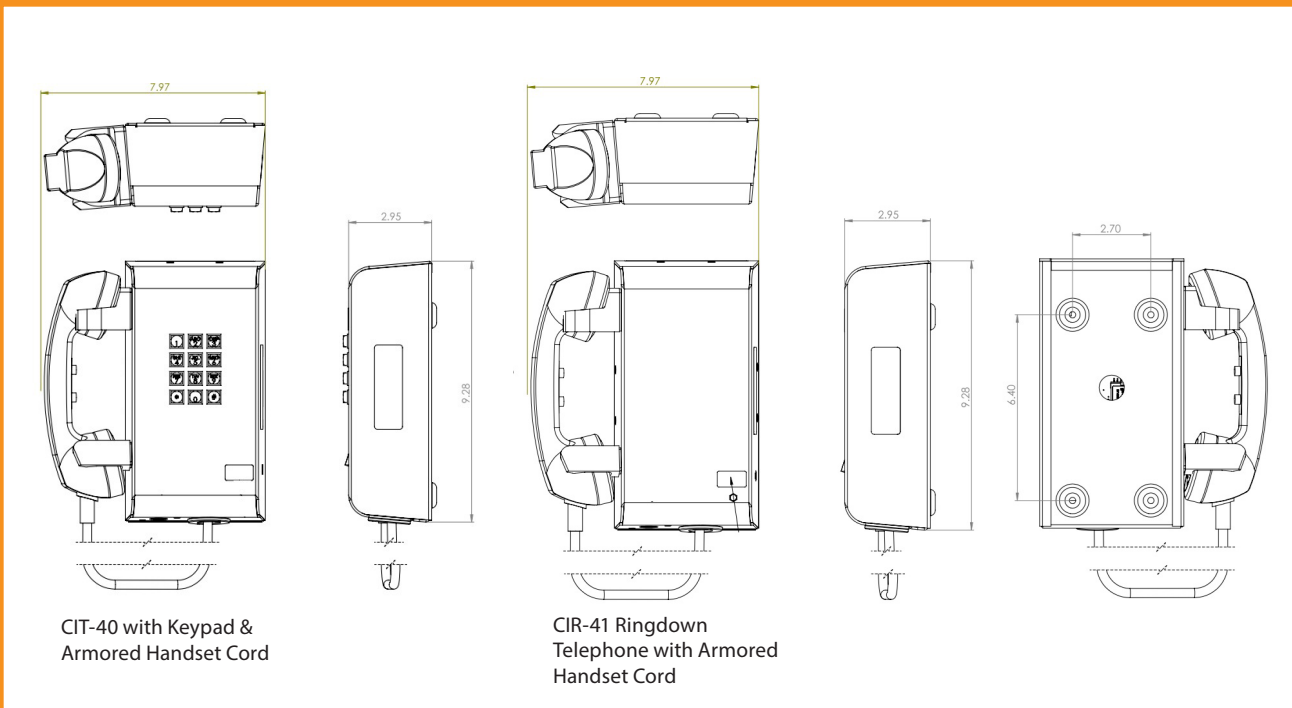
INSTALLATION and CONNECTABILITY

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

OVERALL DIMENSIONS



CIT-40 with Keypad & Armored Handset Cord

CIR-41 Ringdown Telephone with Armored Handset Cord

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
 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

ENVIRONMENTAL

Ingress Protection
 Operating temp
 Storage Temp
 Humidity

NEMA
 -40° to +140°F (-40° to +60°C)
 -58° to +176°F (-50° to +80°C)
 0 - 100% RH

ELECTRICAL SPECIFICATIONS

Ringer Sensitivity
 Line Voltage
 Loop Current
 Microphone
 Microphone (Optional)
 Receiver

40 -100 V, 16 - 25 Hz
 24 - 56 VDC
 20 - 120 mA
 Noise Reducing Electret
 Noise Canceling Dynamic
 Hearing Aid Compatible

MECHANICAL SPECIFICATIONS

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

>1 000 000 Operations
 14 Guage
 Corrosion Resistant, Heavy Duty and 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
 Vandal Resistant Stainless Steel
 Rear Opening Diameter 0.87" (22mm)

ORDERING INFORMATION

Warranty: Five 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
FB	Ringer for CIT-40 Analog

Distributed by:



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