

COMMANDER (GSM-R)

Plastic Bodied Heavy Duty Telephone



Designed for indoor or outdoor use, the new **GSM Commander** offers wireless communications to provide a completely stand-alone telephone installation. The GSM phone greatly reduces installations costs by eliminating running wires. The battery and GSM terminal are housed inside the unit to provide a complete rugged telephone.

The unit can be mains, battery, or solar powered, with the internal lead-acid backup battery and phone working in temperatures of -20 C to +60 C degrees, ideal for hostile environments. The Quad-band GSM module covers wireless ranges across most of the globe.

Advanced features of the telephone include an internal memory for local digital recordings and remote management to reduce site visits and maintenance costs.

The Commander family of telephones are tough, weather-resistant units built to withstand abuse and environmental extremes. The Commander body is moulded in glass filled polyester to prevent rust and corrosion, and is simple to install.

Typical installations include civil construction sites, bus or rail stations, retail, and temporary events (festivals, construction, exhibitions), anywhere that laying cable is prohibitive.

- Full-integrated GSM-based Commander
- Internal Antenna as standard
- Robust and weather-resistant: IP65
- Full keypad, CB, and 6 button programmable auto-dialler telephones
- Dual purpose design for wall or desk mounting, simple installation
- Large tactile buttons, easy to see and operate
- Inductive Coupler fitted as standard for hard of hearing
- Standard or Customised units
- Vandal Resistant Handset and Cord (with length options)
- CE Compliant
- Supplied with 12 VDC Power Supply
- Acoustic Path Testing

Keypad Options:

18 Button Full Keypad

The 18 button keypad versions include: **S** 'Microphone mute' or 'Silence', **R** 'Recall', **LR** 'Last number redial', and 3 programmable auto-dial



6 Button Auto-diallers

Model programmable via SMS.

A microphone muting facility guards against unauthorised calls made with a remote MF tone pad. To make a call, simply lift the handset and press a single button. The pre-programmed number (up to 24 digits) will then dial automatically.



Hot Dial (0 Button)

Model programmable via SMS; simply lift the handset to automatically call a preprogrammed number.



External Antenna

Optional external antenna with 3 metre cable. Internal antenna is fitted as standard.



COMMANDER (GSM-R) TECHNICAL SPECIFICATIONS

GENERAL SPECIFICATIONS

Casing Material: Glass filled polyester.

Colours: yellow, other colours to special order

Handset Material: Cylcoloy with stainless steel spiral cord, or curled cord inductive coupling to hearing aids with T-switch

Keypad: Weather-sealed tactile digital keypad.
Silicone rubber material, resistant to most chemicals and solvents

Antenna: Quad-band SMA male, internally mounted

Operating Temperature: (AC powered) -20° C to +60° C
(Battery powered, lead-acid) -20° C to +60° C
Auto switch-off: <-40°C or >+70°C

Weather Resistance: Up to IP65

Ringtone: Shrill warble tone 75 dBA @ 1 metre typical

Hookswitch: Electronic / magnetic with no visible moving parts

M.T.B.F.: Calculated to have an M.T.B.F. in excess of 50,000 hours using MIL-HDBK-217F Notice 2

Weight: 3 kg approx

GSM/GSM-R

Time Out: Enforces a fixed call maximum time limit from lifting the handset. User programmable

Power Supply: AC Adaptor 110-230 VAC to 12 VDC;
Internal battery (4V sealed lead acid)
Up to 250 hours standby or up to 6 hours continuous talk time. Can be connected directly to Solar panel (12-24V) without additional charge controller

GSM Bands: Quad-band GSM/GPRS/GSM-R

Remote Programming: Auto-dial numbers, time-out and dial mode can be programmed

Configuration: Remotely programmable via SMS

Remote Monitoring: Remote health-check and fault reporting, including handset integrity via SMS

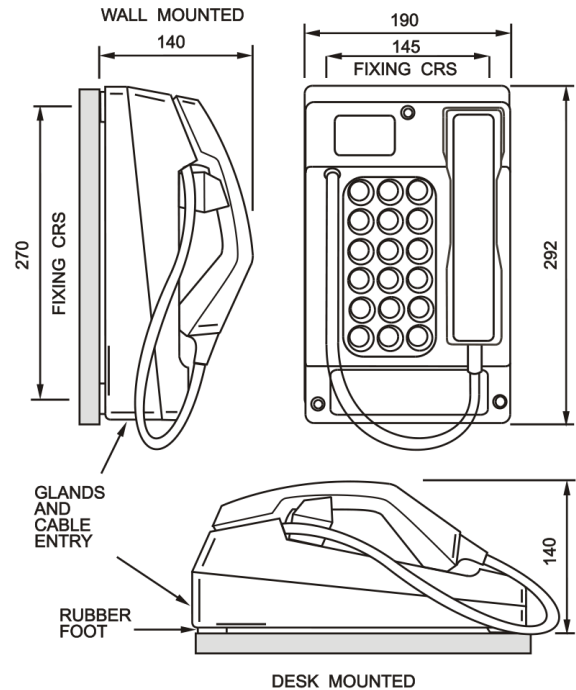
OPTIONS

- Marine antenna for gain in hostile environments
- Rod antenna for omni-directional gain
- YAGI antenna for high gain (requires setup)
- 12 VDC solar panel
- External antenna and cable

OPTIONAL ACCESSORIES

Please ask for Brochure **B150** or visit www.gai-tronics.co.uk

DIMENSIONS



APPROVALS



This mark indicates compliance with the following directives: Radio & Telecommunications Terminal Equipment Directive 1999/5/EC (R&TTE)



This mark indicates compliance for inductively coupling to Hearing Aids having a 'T' switch position. Tested to ETS 300-381 and in accordance with ITU-T P37.

Approvals
R&TTE, RoHS compliant, WEEE Registered
For specific country approval, please contact GAI-TRONICS

ORDER INFORMATION

For order codes and details, please contact GAI-TRONICS:
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