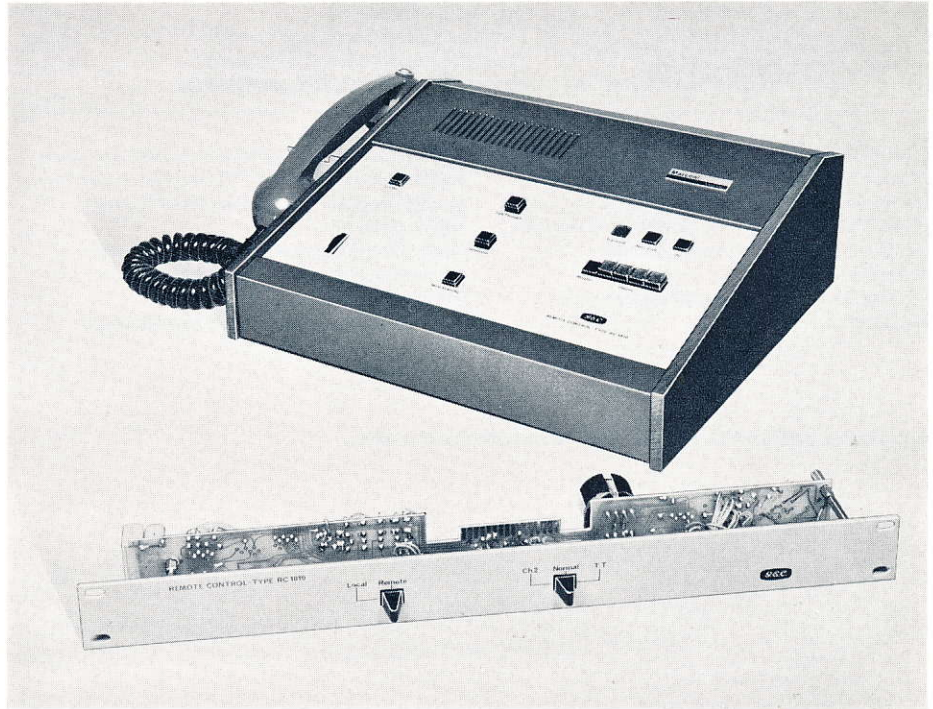


Features

- Maximum speech clarity
- High-efficiency automatic mute
- Constant audio levels
- Simplified servicing



Description

The GEC Remote Control Equipment RC1010 is a compact unit for remotely controlling a v.h.f or u.h.f base station over a landline. The unique technical design of this robust, versatile unit will meet most needs and the finish is attractive and scratch resistant.

The design of microphone amplifier provides compression with very low distortion, ensuring constant modulation levels from different operators.

A reduction in distracting landline noise is achieved in the loudspeaker amplifier by an advance design of automatic mute when voice signals are not present, and a coupled compression circuit eliminates large signal level differences often experienced when multiple controls are connected to the same base station.

Internal design of the equipment allows service by module replacement. All major active circuits are plug-in, drastically cutting the time taken to service a unit.

Line signalling is by proven d.c methods, whilst an alternative version for tone signalling (Type RC1011) is available.

Various options are listed overleaf, these include versions for parallel operation with intercommunication facility and Master/Slave versions.

Data Summary

- Line levels:** Output max +8dBm. Input min -35dBm (for full LS output) -40dBm with equalizer.
- Loudspeaker output:** 2W at 3Ω nominal.
- Microphone input:** 1mV at 300Ω.
- Microphone amplifier voga range:** 20dB. Option of straight amplifier.
- Loudspeaker amplifier voga range:** 20dB.
- Loudspeaker amplifier VOX delay:** 15ms nominal with 0dBm input.
- Line characteristics:** Impedance 600Ω nominal (300Hz - 3kHz). D.C resistance: 2-wire loop or line and earth, max 2000Ω.
- Power supply:** 100 - 125V and 200 - 250V a.c, 50 or 60Hz.
- Consumption:** 30VA.
- Dimensions:** Height: 127mm (5in). Width: 370mm (14.5in). Depth: 332mm (13in). Weight: 4.3kg (9½lb).
- Finish:** End plates - oiled teak. Control panel - mushroom BS 2660-4-049 semi gloss. Casing - mid charcoal grey BS 381 C-671, textured.
- Controls:** desk microphone with transmit switch
Volume (loudspeaker only).
Talkthrough when applicable.
Intercom when applicable.
Main/Standby when applicable.
Loudspeaker on/off.
Transmit.

Indicator lamps: Power on (red).
Receive call (green).

- Options:** a) Parallel operation (includes intercom facility).
 - b) Master for 4 slaves. Note slaves are as for parallel operation.
 - c) Additional line equalizer for landlines with poor top response.
 - d) Internal converter for 13.5V d.c operation.
 - e) Equipped with desk telephone or pendant telephone instead of desk microphone.
- Selective call can be supplied to work with the control unit. This is housed in a cabinet complementary to the remote control; please ask for separate leaflet. A socket is provided on the rear of the control unit for quick connexion. A composite unit in a single case can also be supplied.

REMOTE CONTROL PANEL

The remote control panel at the base station end of the landline is shown in the illustration. This panel has the necessary over-ride switches to enable an engineer to check any functions provided.

Dimensions, panel:
Height: 45mm (1.75in)
Width: 483mm (19in)
Depth: 102mm (4in).
Weight: 0.9kg (2lb).
Colour: Mushroom

Types Available

Remote control equipment RC1010 is available with several switched facilities in

addition to the normal transmit function, these are listed below. Please refer to the type number when ordering.

Type	Landline	Facilities
2A	2-wire	Transmit only
2B	2-wire	Transmit, line fail T/T
2C	2-wire	Transmit, switched T/T
2D	2-wire	Transmit, receive call
3A	2-wire+earth	Transmit only
3B	2-wire+earth	Transmit, switched T/T
3C	2-wire+earth	Transmit, power fail T/T
3D	2-wire+earth	Transmit, channel 2
3E	2-wire+earth	Transmit, receive call
3F	2-wire+earth	Transmit, receive call, switched T/T
3G	2-wire+earth	Transmit, switched T/T, channel 2
3H	2-wire+earth	Transmit, power fail T/T, receive call.

- a) Suffix P should be used for parallel version (please consult Special Systems, as some combinations are not compatible).
- b) Suffix M should be used for master version.
- c) Suffix DH should be used for desk telephone.
- d) Suffix WH should be used for pendant telephone.

Order example RC1010 type 3BPDH gives transmit and switched T/T with intercom for parallel operation and desk telephone in lieu of desk mic.

Note: All the above units are for simplex operation, if duplex is required, consult Special Systems.
For examples of use, please see standard plans.

The information given herein is subject to confirmation at the time of ordering.

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