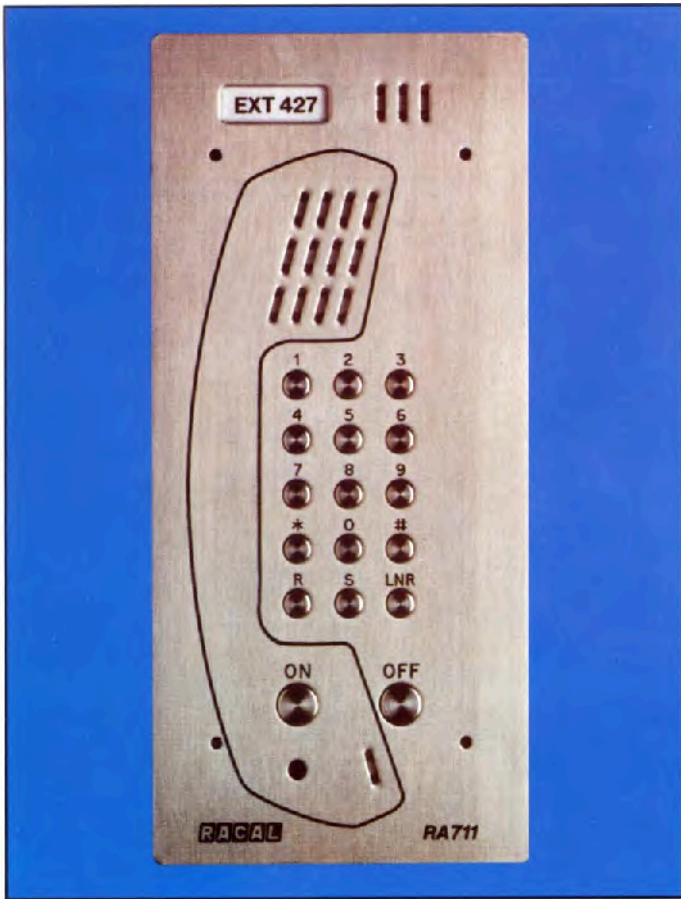




RA711 SERIES VANDAL RESIST TELEPHONES

## Basic Standard Configurations



**RA711/1000 DTMF**

Normal Dialling Telephone

Type	Equipment Code
DTMF	RA711/1000
C.B.	RA711/1001
"CLEAR" button standard	
AUTO DIAL	RA711/1011
Single Number, One Button, "CLEAR" button standard	
AUTO DIAL *	RA711/1012
Two Numbers, Two Buttons, "CLEAR" button standard	
AUTO DIAL *	RA711/1013
Three Numbers, Three Buttons, "CLEAR" button standard	

\* Legends to special order



**RA711/1001 C.B. Loop**

Switchboard Operator Only



**RA711/1011 Auto Dial**

Pre-determined Telephone Number

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# RA711 Series Vandal Resist Telephones

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◆ **Robust Construction**

◆ **All-weather Protection**

◆ **Auto Dial/DTMF/C.B. Operation**

◆ **Mains or Line Powered**

◆ **Hands-free Operation**

The Vandal Resist Telephones are based on a single sheet of stainless steel and provide hands-free, loudspeaking operation. Since there are no protruding parts to be damaged, these telephones offer high resistance to vandalism, and ensure that the primary function of communications is maintained at all times.

A DTMF/LD version incorporating full dial pad is made for applications where there is a requirement to dial other extensions and/or PSTN subscribers.

For manual exchanges, where immediate contact with the operator is required, a C.B. version is available with single button operation.

For applications where 'Preset' number dialling is required, Autodiallers are available in one, two or three button versions.

All versions include the facility for the provision of an external inductive loop for hearing-aid users, where this is required.

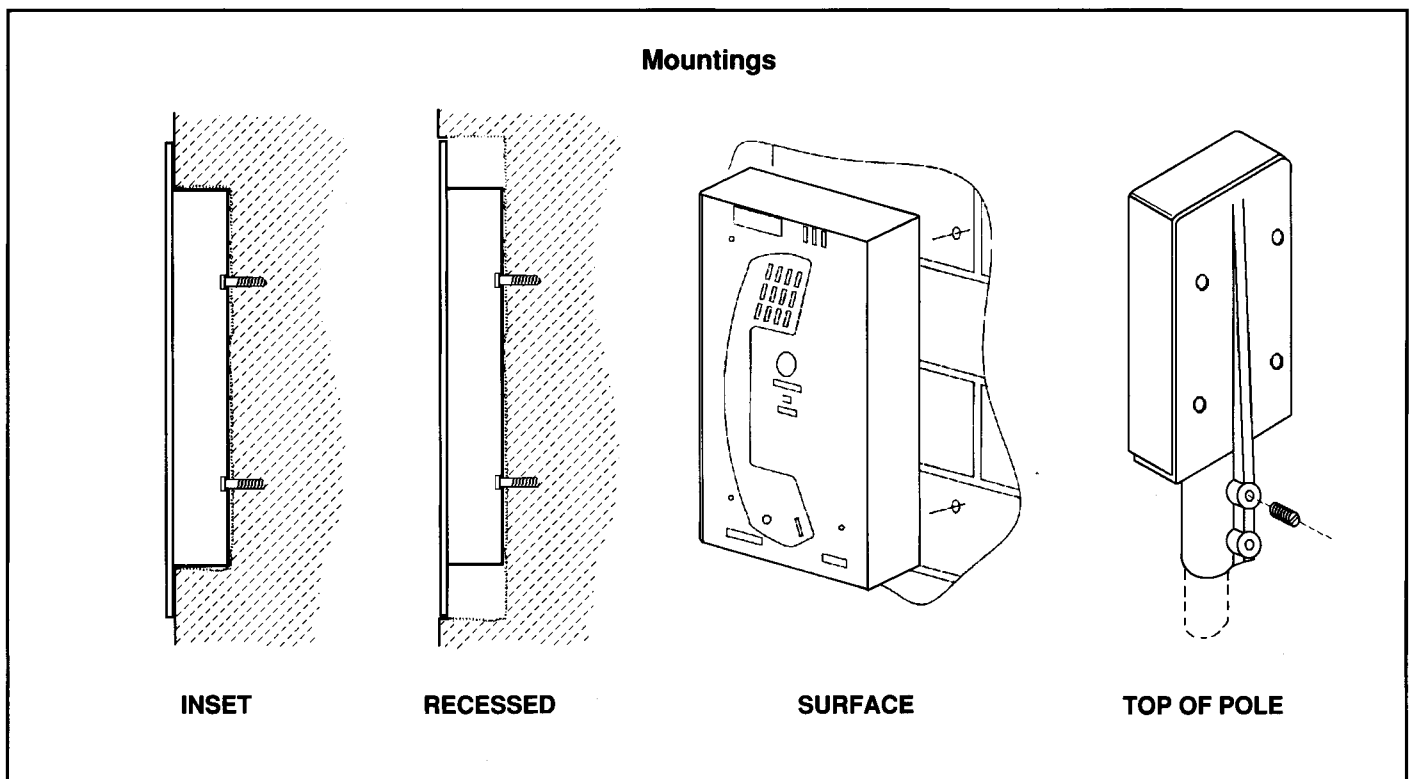
The Vandal Resist Telephone has been primarily designed to meet the needs of clients who experience loss through vandalism. However, the telephone is extremely simple to install and offers a convenient solution to a range of telephone siting problems in buildings and industrial applications, and in outside locations.

Security systems, shipboard communications, railways, underground transport, emergency applications in places like lifts, rail platforms, outside buildings, prisons, courthouses, hospitals, police stations, etc., are all typical sites for the installation of RA711 Vandal Resist Telephones.

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## Fixing Options

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# Technical Specifications

**Dimensions:** 305mm x 140mm x 54mm.

**Power Supplies:** 9V, 100mA; 240V ac mains 3W adaptor to BS6301 supplied with each telephone

**Power Failure:** Line powered, 25mA min.

**Line Impedance:** Complex, Class A

**Line Levels:** Speech and DTMF tone levels as per CCITT and BS 6305/BS 6317/BS 6789

**Off-hook Levels:** Electronic to BS 6789/1984 para 6, type A

**Keypad Dialler:** 3 x 5 standard legends, marked '0' to '9', '\*', '#', 'R', 'S' and 'LNR'.

**Audible Caller:** Piezo transducer, frequency modulated, cadence as per incoming ringing REN 1.0.

**Transmission Range:** Typically 7.5km max. (50V), depending on exchange feed voltage.

**Auto Cut Out:** 60 seconds after cessation of incoming speech

**Foot Switch:** optional external ON & OFF kick switch

**Inductive Loop:** External facility supplied as an option for hard of hearing induction aids

**Temperature:** Operational: -30°C to +70°C

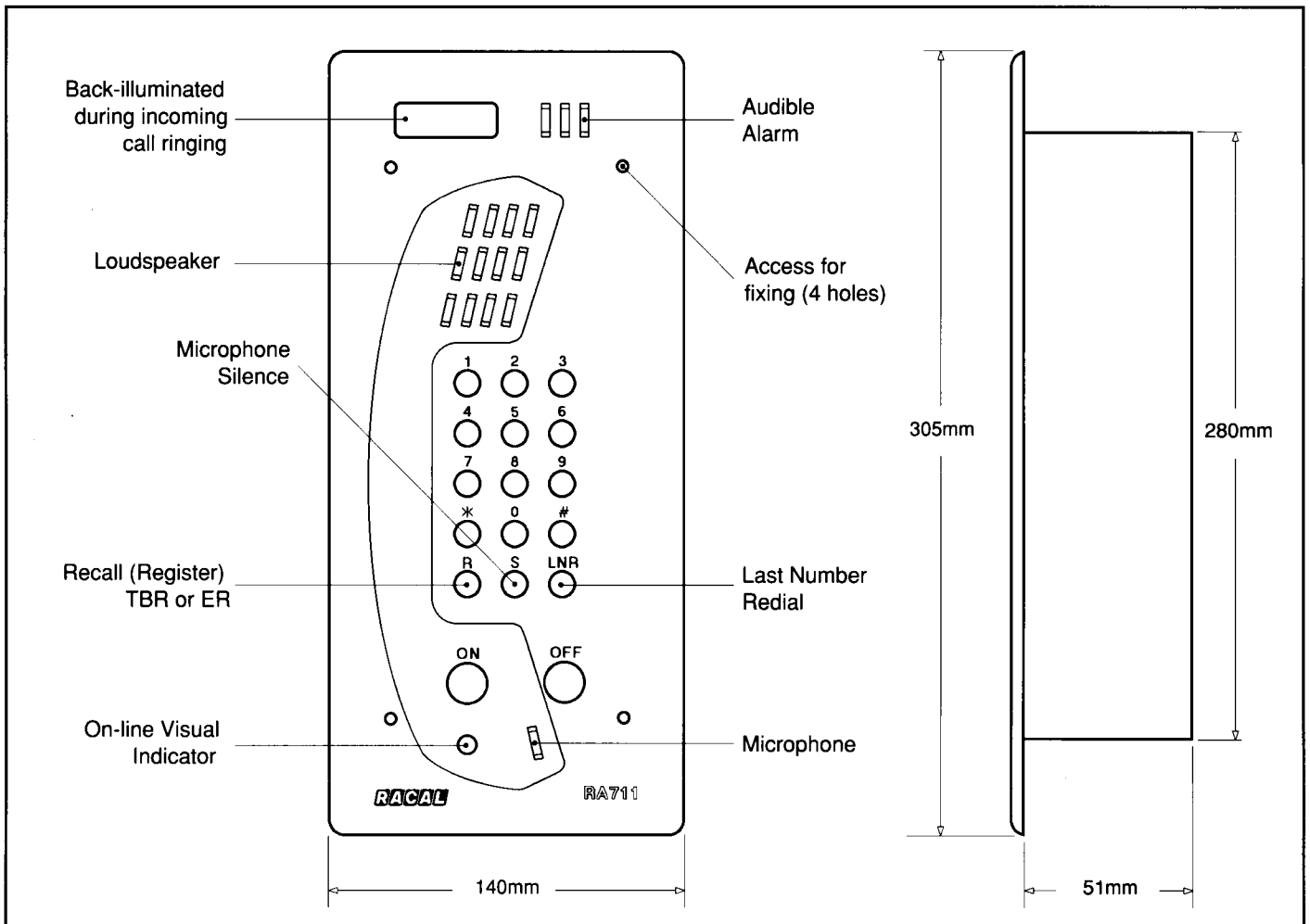
**Relative Humidity:** Up to 95%

**Electronics:** Conformal coated

**Sealing:** Dust and liquids to BS 5490: 1977 IP55

**Safety:** Conforms to BS 6301. Withstands 60V longitudinal in use. Withstands 430V longitudinal, for 200ms, under fault conditions. Protected internally against lightning surges. Case to line (and electronics) isolation proof to 2.2kV

**Reliability:** 5,000 hours (MTBF)



APPROVED for connection to telecommunications systems specified in the instructions for use subject to the conditions set out in them

**S/3064/3/N/502517**

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