

Manufacturer:
DAC Ltd

Issue : 4
Valid From : 16/04/2013

**Analogue Line Side Telephone:
RA708 CB and Keypad telephone
RA711 Hands Free Telephone**

Product Description

The RA708 would be intended for line side applications including direct lines, platform telephones and operational circuits such as SPT's.
The RA711 offers a hands free vandal proof telephone for areas of high malicious damage in public areas or UWC telephones.

Product Image



Scope of Acceptance

Full Acceptance / Trial Acceptance (delete as appropriate)

The RA708 would be intended for line side applications including direct lines, platform telephones and operational circuits such as SPT's.
The RA711 offers a hands free vandal proof telephone for areas of high malicious damage in public areas or UWC telephones.

Network Rail Acceptance Panel (NRAP) hereby authorises the product above for use and trial use on railway infrastructure for which Network Rail is the Infrastructure Manager under the ROGS regulations.
Authorised by:

PP

James Lewis
Technology Introduction Manager

Edward Rollings MSc, CEng, MIET, FIRSE
Professional Head [Signals and Telecoms]

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Specific Conditions

The following Conditions are specific to the approved product/s contained within this Certificate. These conditions must be adhered to in addition to the Network Rail General Conditions contained within the "General Terms and Conditions" section.

Failure to adhere to these conditions may result in the withdrawal or suspension of Acceptance of some, or all of the items contained within the accepted configuration.

User

- 1) Curly Cord options to be used only in benign, non trackside environments unless clear site specific benefits can be justified by the project such as located within an additional vandal proof housing where steel cord use may introduce human factors usage issues.
RA708-CB-G-C-WL is acceptable for track side use without additional housing and where a steel cord is not suitable
- 2) RA711 Handsfree unit Press to call button relocated to enable space for local and user instructions to be added
- 3) PABX concentrators should be set to provide NU tone to line upon signaller clearing call to ensure automatic call clearance by the RA711 Hands free telephone e.g. ICAT 0001 CAT 1 on MD110 ELU22 line card working.
- 4) RA711 Software version **HFT106.01** must be specified to cater for alternative clear conditions
 - o Busy tone
 - o Line reversal
 - o DTMF
 - o 400Hz Clear Tone

Timeout adjustment switch must be of stepped position type, clearly labelled for ease of setup to ensure call clearing from non PABX concentrators. All telephones shall be delivered set to a three minute auto clear as a default factory setting.

Product Configuration

System or Complete Assembly

Part No.	Description	Catalogue No.
RA708-FK-Y-C	Full Keypad Telephone, Yellow, Curly Cord	087/000653
RA708-FK-G-C	Full Keypad Telephone, Grey, Curly Cord	087/000654
RA708-FK-Y-S	Full Keypad Telephone, Yellow, Steel Cord	087/000655
RA708-FK-G-S	Full Keypad Telephone, Grey, Steel Cord	087/000656
RA708-CB-Y-C	CB Telephone, Yellow, Curly Cord	087/000657
RA708-CB-G-C	CB Telephone, Grey, Curly Cord	087/000658
RA708-CB-Y-S	CB Telephone, Yellow, Steel Cord	087/000659
RA708-CB-G-S	CB Telephone, Grey, Steel Cord	087/000660
RA711-FK	Handsfree Telephone, Full Keypad	087/000661
RA711-3B	Handsfree Telephone, 3 Button Autodial	087/000662
RA711-2B	Handsfree Telephone, 2 Button Autodial	087/000663
RA711-SB	Handsfree Telephone, Single Button Autodial	087/000664
RA711-CB	Handsfree Telephone, CB	087/000665
RA711-NR	Wall / Post mountable back box for surface mount RA711 Handsfree Telephone	087/000666

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Part No.	Description	Catalogue No.
503483	Top of Post telephone mounting bracket	087/000667
600025	Universal bracket – (For use on existing Gai-Tronics Mounts)	087/000668
RA708-CB-G-C-WL	RA708 Grey CB telephone with curly extensible handset cord and No.1 BR lock	087/037802

Assessed Documentation

Reference	Title	Doc. Rev.	Date and Applies to Cert. issue No.	
RA708	RA708 Datasheet		April 09	1
RA711	RA711 Datasheet		April 09	1
----	Product Range proposal		Dec 08	1
----	Line Side Telephone Compliance Statement		June 09	1
----	Ingress Protection Certificate of compliance		June 09	1
PRO352ES	PRO352ES Telephone Receiver Product Specification		June 09	1
AOM-6545L	AOM-6545L-R telephone Omni directional mic. Product Specification		June 09	1
8	EN50121-5 Test reports 49/2009 – 57/2009		Aug 09	2
9	York EMC services TBR38 Test Report ref. B466TR1		Aug 09	2
----	Drawing – RA711 – NR Issue 1 12/4/2010		12/April 2010	3
----	Drawing – 503483 / 2 -1		12/04/10	3
----	Drawing – 600025		08/04/2010	3

Certificate History

Issue	Date	Issue History
1	23/06/2009	First accepted for use.
2	08/09/2009	Re-issued to amend specific conditions.
3	19/04/2010	Re-issued to add new parts to Product Configuration.
4	16/04/2013	Re-issued to include RA708-CB-G-C-WL

Contact Details

Manufacturer

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General Terms & Conditions

1) General

- 1) This certificate can only be amended by Network Rail Technology Introduction Group. Any alterations made by a different person will invalidate the entire certificate.
- 2) Failure to abide by the requirements in this Certificate of Acceptance may invalidate the certificate, thereby restricting the right to operate the product and / or limiting the future supply and deployment of the product on the infrastructure.
- 3) Upon the review date this certificate and the product it relates to is invalid and not accepted for use. Manufacturers are to make an application for a review prior to the review date.

2) Manufacturer

The Manufacturer shall:

- 1) Ensure that all products supplied comply with the standards defined in the Acceptance Requirements or otherwise documented as part of the assessment, including meeting the reliability requirements included in the Acceptance Requirements and in any deed of warranty for the relevant certificate number.
- 2) Notify Network Rail Technology Introduction Group:
 - a. Within 48 hours, of any deficiencies affecting the quality, functionality or safety integrity of the product (including corrective action undertaken or proposed).
 - b. Of any intended change to the accepted product; changes include:
 - i. a change to the product configuration (to the actual product or its application);
 - ii. a variation to or addition of manufacturing locations or processes;
 - iii. a change in the name or ownership of the manufacturing company;
 - iv. any changes to the ability or intention to support with technical services, spares or repairs.
- 3) The Manufacturer shall provide Network Rail Technology Introduction Group at least 12 (twelve) months notice of its intention to discontinue supply or to provide such notice as is reasonable if such discontinuance is outside its control and will offer the opportunity of a Last Time Buy to Network Rail together with date for last order placement and supply of the parts affected. The introduction of proposed alternative products shall be communicated to the Network Rail Technology Introduction Group.
- 4) Provide further copies of operating and maintenance manuals to purchasers / users of the product as necessary (including certificates of conformance, calibration etc).
- 5) Provide further copies of training manuals and an appropriate level of training to purchasers or users of the product as necessary.
- 6) Where applicable, specialist technical support, repairs and servicing of the product shall be carried out by the Original Equipment Manufacturer (OEM) or authorised agent only.
- 7) Network Rail may request information from the manufacturer to prove product compliance with clauses 1 and 2 above and reserve the right to suspend and/or withdraw any application where information is not forthcoming within a reasonable timeframe.
- 8) In accordance with Network Rail's Quality Assurance Policy Statement 2011, where the specification and/or Product Acceptance Certificates specify quality assurance classifications (QA1 to QA5) for the products, the manufacturer shall comply with the specified level of quality assurance for each product and allow Network Rail access to carry out its quality assurance checks.
- 9) The manufacturer shall give Network Rail's representatives access at all reasonable times to its premises and allow them to inspect its quality systems and production methods and, if requested, to inspect, examine and test the products both during and after their manufacture and the materials being used in their manufacture.

3) Conditions of Use

Specifiers, installers, operators, maintainers, etc. using the product shall:

- 1) Comply with the certificate conditions. If a condition is not understood guidance must be sought from Network Rail Technology Introduction Group.
- 2) Check that the application of use complies with the relevant certificate's scope of acceptance.
- 3) Report any defect if it is a design or manufacturing fault likely to affect performance and/or the safe operation of the railway in writing to Network Rail Technology Introduction Group.
- 4) Inform Network Rail Technology Introduction Group in writing of a change to the product configuration (or to the actual product or its application).
- 5) Operate, maintain and service the product in accordance with Network Rail standards and Operation and Maintenance manuals as appropriate.
- 6) Be appropriately trained and authorised for the installation, maintenance and use of the product.
- 7) Only send products for repair or reconditioning to the Original Equipment Manufacturer (OEM) or authorised agent.
- 8) Users are to be aware that Product Acceptance is not a substitute for design approval.

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4) Compliance

Railways and Other Guided Systems (ROGS) Regulations

- 1) Where the product is to be used in areas where Network Rail is not the Infrastructure Manager (e.g. leased stations), the sponsor shall additionally obtain formal consent from the Infrastructure Manager for the locality where the equipment is to be installed. This may include a requirement for additional safety verification. The decision of that Infrastructure Manager is binding, and cannot be overridden by Network Rail except by the escalation processes established in the ROGS regulations
- 2) As required in Railway Group Standard GE/RT8270, at each use of this product the project or group responsible for installation and commissioning shall be required to demonstrate compatibility with:

- a. All rail vehicle types that have access rights over the area affected by the change
- b. Infrastructure managed by others
- c. Neighbours.

Railway Interoperability Regulations

- 3) For interoperable constituents of systems the project or group responsible for installation and commissioning shall be required to demonstrate compliance with the relevant Technical Specifications for Interoperability (TSI) where appropriate.
- 4) An authorisation from the national safety authority (i.e. the Railway Safety Directorate of the Office of Rail Regulation) is required before the equipment is to be used in revenue earning service.

5) Supply Chain Arrangements

- 1) Certificates of acceptance do not imply any particular quantity of supply nor any exclusivity of supply.
- 2) Products may be purchased by Network Rail or its agents, suppliers or contractors.
- 3) Manufacturers should note that it is not necessary to enter into any exclusive supply arrangements with resellers or other suppliers.