




Desk/Wall Master Station **AA916**

Data Sheet



General Description

Although only the size and weight of a conventional telephone handset, AA916 combines all the essential functions needed for efficient internal communication in one compact unit: loudspeaking handsfree, softspeaking confidential and total privacy. It is designed for desk use or wall-mounting, using a neat wall bracket (GF933). On the desk or on the wall, it permits the user to converse with the caller, handsfree, from anywhere in the room. When the station is used as a handset, the softspeaking key () has to be pressed once. The station is automatically reset to loudspeaking handsfree mode when the next incoming or outgoing call is established.

For total privacy, the two scroll keys ( ) have to be pressed simultaneously. A yellow flashing LED will indicate that the station is put into privacy mode. Any incoming call is blocked, but is announced by a tone, giving the privacy user the option of accepting the call by touching the **0**-button. Various alternative forms of privacy are also available, programmable on an individual basis to any user.

The key **M** controls the Microphone Mute function. When the key is pressed and held down the unit's microphone is cut off. The privacy user can then make a remark to someone in the room without the other party hearing, similar to a person placing his hand over the microphone of a telephone handset to converse with a colleague. Releasing the switch returns the station to normal, loudspeaking output and microphone sensitivity, accurately adjusting each unit to various acoustic conditions.

Either party in a call can also use the **T**-button for manual control of a conversation, for example when controlling an integrated, two-way radio conversation from the Ring-Master station or when speaking to someone located in a very noisy area. Either party can revert to handsfree mode at any time during their call (by pressing the T-button for a short time), and either party may press the **X**-key to cancel.

The audio output level can be adjusted, increased or decreased by the keys  .

The keypad of the AA916 has full international standards, including the * and # buttons.

The **F** key (function key) allows for easy access to various preprogrammed features incl. up to 20 direct dialling numbers. These can be programmed/ changed from the station's keypad.

The station AA916 functions as a remote control point for a microcomputer in a centralized exchange. This provides any or all users with an extensive range of optional functions.



AA916 *Excellent Soundquality*

Technical data Master Station AA916:

Operating voltage, 24V DC +/-20%
 Current drain, microphone on: 0.1A
 loudspeaker on, max: 0.2A
 loudspeaker on, normal: 0.15A
 station free: 0.015A
 Power consumption, approx.: 5W
 Amplifier output power, max: 2W
 normal: 0.1 - 0.2W
 Station sensitivity: 0.3V/uB
 Temperature range: 0 to 40°C (32 -104°F)
 Line specifications:
 Frequency range: 300 - 5000 Hz
 Galvanic line: 0 dB (1 mW/600 ohm)
 Speech level, normal: -12 dBm
 Speech level, max: + 4 dBm
 Tone signalling level: -10 dBm
 Tone signalling according to CCITT norms
 Loudspeaker impedance: 50 ohm
 Extra loudspeaker (to wall socket pin 1 and 2) min. impedance: 16 ohm
 Switching level: 16 - 27 dB
 Volume control regulation: +/-7 dBm
 CE Certification:
 AA916 is tested and complies with the EMC (Electromagnetic Compatibility) directive 89/336-EEC of the European Community and meets or exceeds the following standards:
 EN 50081-1 Emission
 EN 50082-1 Immunity
 Dimensions/weight AA916: Height: 51mm/2.0"
 Width: 72mm/2.8" Length: 224mm/8.8"
 Weight: 265gr
 Colour: Dark grey

The AA916 has a remote input circuit which allows for automatically dialling of a preprogrammed call number. The input to this circuit is from a closing contact to two of the pins in the station's wall socket, pin 7/8.

Different types of station cords are provided for plug-in connection between the wall socket and the station. BF640 is a 2m straight cord, BF641 is a 6m straight cord and BF642 is a 2,5m cord with a flexible spiral section.

The station permits connection to a suitable external loudspeaker (max load 16ohms) to increase the station's sound coverage where desired. When the AA916 is picked up in handset mode, the built-in speaker's audio level is muted down for a confidential conversation.

The station is available in the following versions: AA916 (dark grey), AA916A (white).

Features.

The AA916 station operates with the Ring-Master Systems CB901 and RM5000 and utilizes the following features (* = only CB901 system):

Standard features:

- Handsfree/loudspeaking
- Confidential/softspeaking
- T-button for simplex control
- Privacy
- Microphone cut-off
- Camp on busy extension
- Conference
- Hurry-up tone
- Call-back
- Remote control circuits
- Data transmission
- Volume control, 16 levels

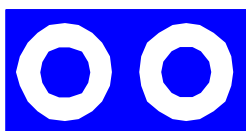
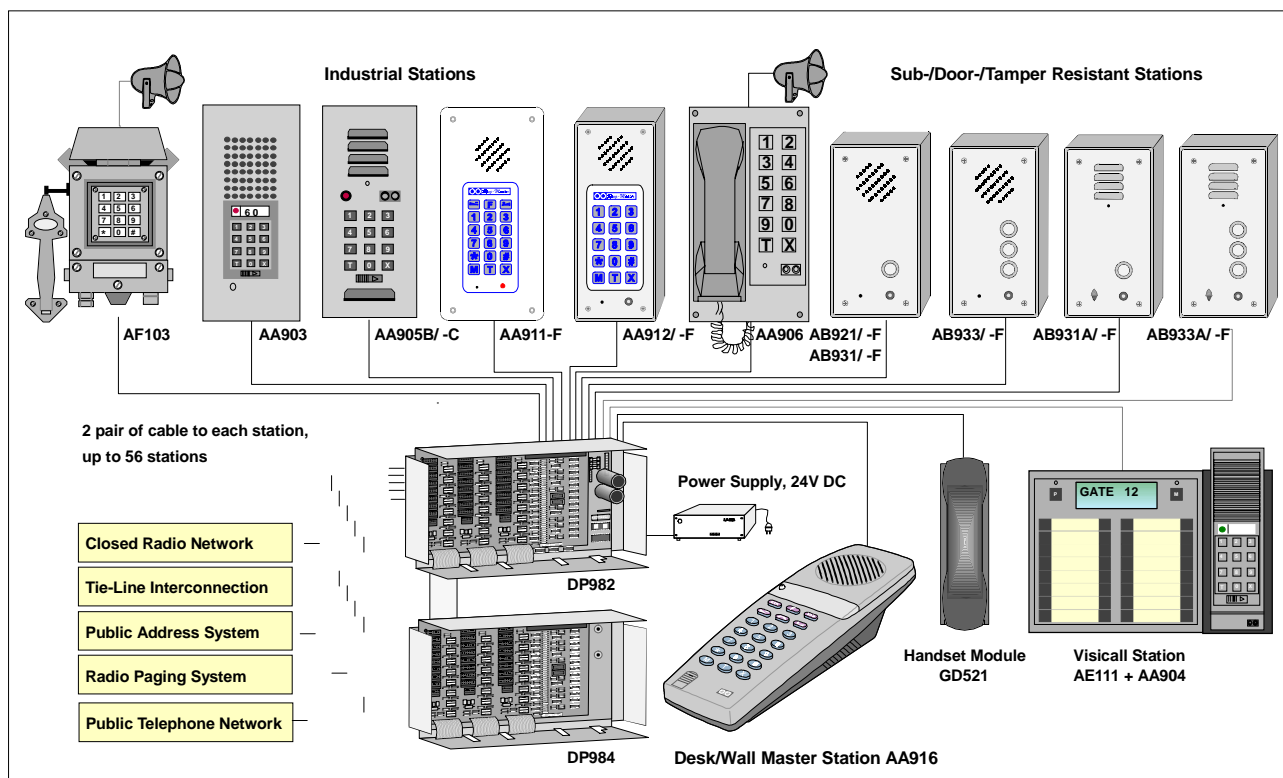
Interface features:

- Two-way mobile radio
- Radiopaging
- Intersystem tie-line
- Public address
- Telephone public network
- Voice messaging
- Programme distribution (Music)

Individual features:

- Call numbers, freely programmable
- All/Group-call with reply back
- Priority
- Call forward/Secretary transfer
- Call transfer
- Hunt
- Speed dialling (*)
- Call reply (*)
- Sectoring (*)
- Direct conference dialling (*)
- Direct dialling
- Direct access
- Central Answering Service (CAS)
- Remote dialling (*)
- Status output (*)
- Open station (line) (*)

The system's flexibility permits combinations of the above features to provide virtually any service desired by user.



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