



2N[®] Mobile Audio Gateway

Announcement from your mobile phone



Public address and paging from anywhere in the world

A lost child, alarm or request for expert assistance? All these can be situations requiring the public to be informed, in which you need to find a microphone console and make an announcement quickly. But imagine that in these often stressful moments, requiring a quick response, you could easily make an announcement from your mobile phone. We now offer you this option, thanks to a link between the intelligent 2N[®] Mobile Audio Gateway (MAG) GSM system and Public address and paging (PA) or evacuation systems.

You can now make an announcement easily from anywhere in the world using your mobile phone. All you need is GSM or 3G signal coverage. Then all you have to do is call a stored telephone number and start talking after you hear the gong. Thanks to a built-in relay, you can also give this mobile announcement top priority (so-called override mode). You will undoubtedly also appreciate the significant cost savings made on individual announcements, as by selecting an appropriate tariff on the SIM card inserted in the 2N[®] Mobile Audio Gateway GSM system, you can make announcements from anywhere in the world completely free of charge.

Why to choose the 2N[®] Mobile Audio Gateway?

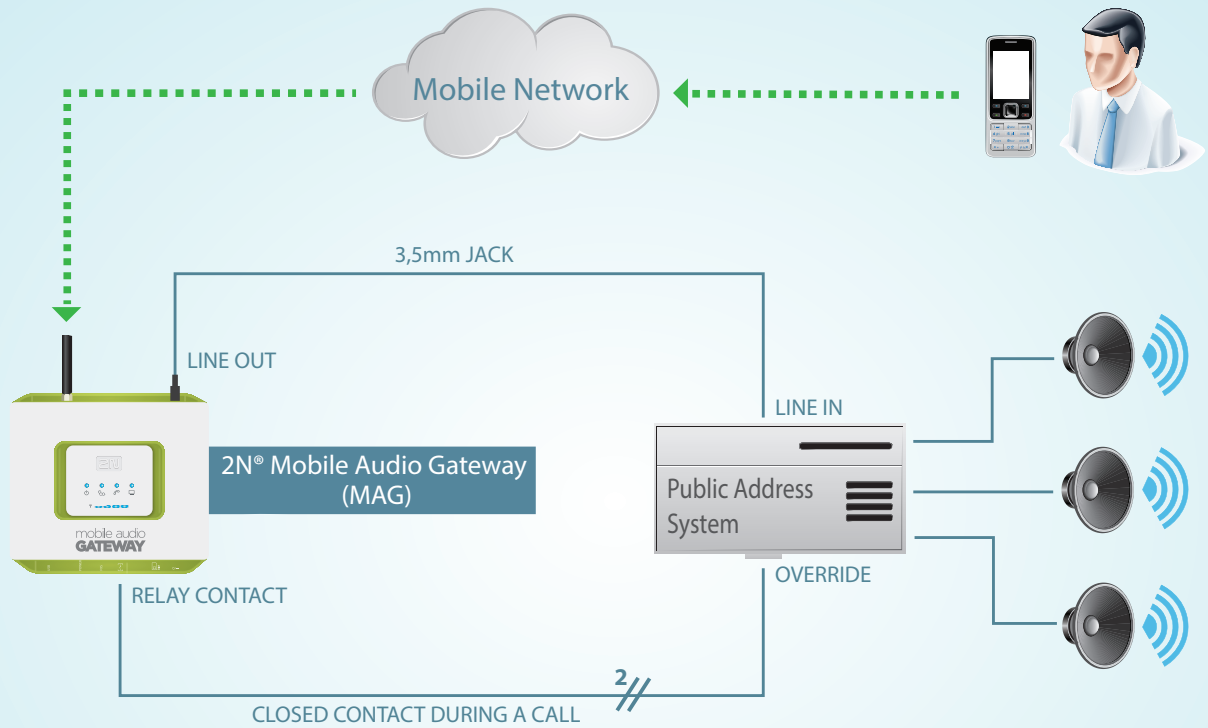
- Fast and effective way to inform the public
- Announcements from anywhere in the world
- Ability to set the highest priority
- Secured access
- Cost savings
- Battery back-up

Intended for:

- Retail chains
- Production plants
- Office buildings
- Municipal PA systems



Basic architecture



Technical Parameters

GSM interface

GSM modul	MC55i-w
GSM bandwidth	EGSM 850/EGSM 900/ GSM 1800/GSM 1900 MHz
Transmission power	2W EGSM 850/900 MHz, 1W GSM 1800/1900 MHz
Receiver sensitivity	-105 dBm
Audio	HR+FR+EFR Half rate+Full rate+Enhanced full rate Echo cancellation, Echo suppression
Antenna	50 SMA antenna connector
SIM card	3V or 1,8V plug-in

Audio interface

Line Out	MONO 3,5mm jack (unbalanced)
Line Out Level	0dBV
Line Out Impedance	220Ω

Switching contact relay

Function	Closed contact during a call
Maximum load	500 mA/125 VAC 300 mA/110 VDC 2A/30 VDC (applies for resistance load)

Power Supply

Mains supply	110-230V/12V, 1A adapter
DC power supply	10 to 16V DC
12V consumption	Standby 90mA Call - typ.300mA, max.400mA Battery charge - additional consumption 70 mA
Power supply connector	DC Jack 5.5/2.1 mm, positive to center

When other power source than supplied adapter is used, the power source must meet the criteria for SELV standard.

Battery back-up

Accumulator type	Charging cell NiMh size AA
Number of pieces	4
Power consumption from batteries	Standby- typ. 230mA Call - typ. 600mA, max. 1000mA
Charging current	Typ. 70 mA, regulated

Accumulators are not the part of delivery.

Others parameters

Dimensions	163x157x38 mm
Operating temperature	0-45°C

