Welcome to the Matrix – Modern Multi-room PA Applications from MONACOR

The **ARM-880 system** from MONACOR is an extra flexible PA solution for multi-room applications. It is ideally suited for the use in buildings where an application has to meet various requirements in different zones without resulting in isolated solutions. The system distributes 8 different audio sources, e.g. CD players, SAT receivers, computers to 8 output zones, assignment as required. With a master/slave connection, it is possible to extend the system to up to 32 output zones. Connections for the various alarm signals and a local microphone are available.

The ARM-880 system is ideally suited for the application in:
• Hotels, Restaurants and Bars
• Office Buildings and Industrial Buildings
• The Public Sector, e.g. Schools, Universities or Government Buildings
• Department Stores and Supermarkets
• Conference Centres and Exhibition Centres
• Sport & Fitness Centres
• Hospitals
• Airports and Railway Stations

THE CONTROL CENTRE

The heart of the system. The ARM-880 receives the audio signals of the audio players and distributes them to the different zones, depending on the individual configuration. Signal receivers can either be amplifiers or active speaker systems. It is possible to use either 100 V or low-impedance technology, depending on the requirements of the PA application in the individual zone.

➔ ARM-880 Order No. 17.3800

482 mm 19"

Audio matrix router
• 8 audio inputs and 8 audio outputs
• Inputs 1–4, line, with gain control
• Inputs 5–8, switchable line/mic
• 1 additional audio input for each zone, non-routable, with gain control
• Microphone, music and master volume controls for each zone
• 2-way tone control for each zone
• Priority management
• Emergency announcement with priority for each zone, even when extended
• 3 different alarm signals

A System for Efficient Announcements!

Many multi-room PA applications require a facility for announcements. For the ARM-880 system, this option is available via the zone paging microphone ARM-880RC. With the extension module, this feature can be extended to up to 32 zones.

ARM-880RC Order No. 17.3810
PA zone paging microphone
- 8 zones can individually be controlled, group call
- Plug-in electret gooseneck microphone (NEUTRIK 3-pole XLR jack)
- 2-tone or 4-tone chime, with volume control, can be switched off
- Connection to ARM-880 via RJ45 jack and Cat. 5 cable

ARM-880RCE Order No. 17.3820
8-zone extension module

Modules for an Individual Application

With the three different wall modules, it is possible to conveniently control the PA application from the respective zone. They are connected to the ARM-880 and the power supply via RJ45 jack and Cat. 5 cable. For cable lengths of more than 50 m, a separate PSU is required for operation.

ARM-880WP1 Order No. 17.3830
Wall module
For remote control of one zone and local feed of audio signals
- 2 RCA jacks for line signals
- Microphone connection via NEUTRIK 3-pole XLR jack
- Source selector switch
- Level controls for line, microphone and source
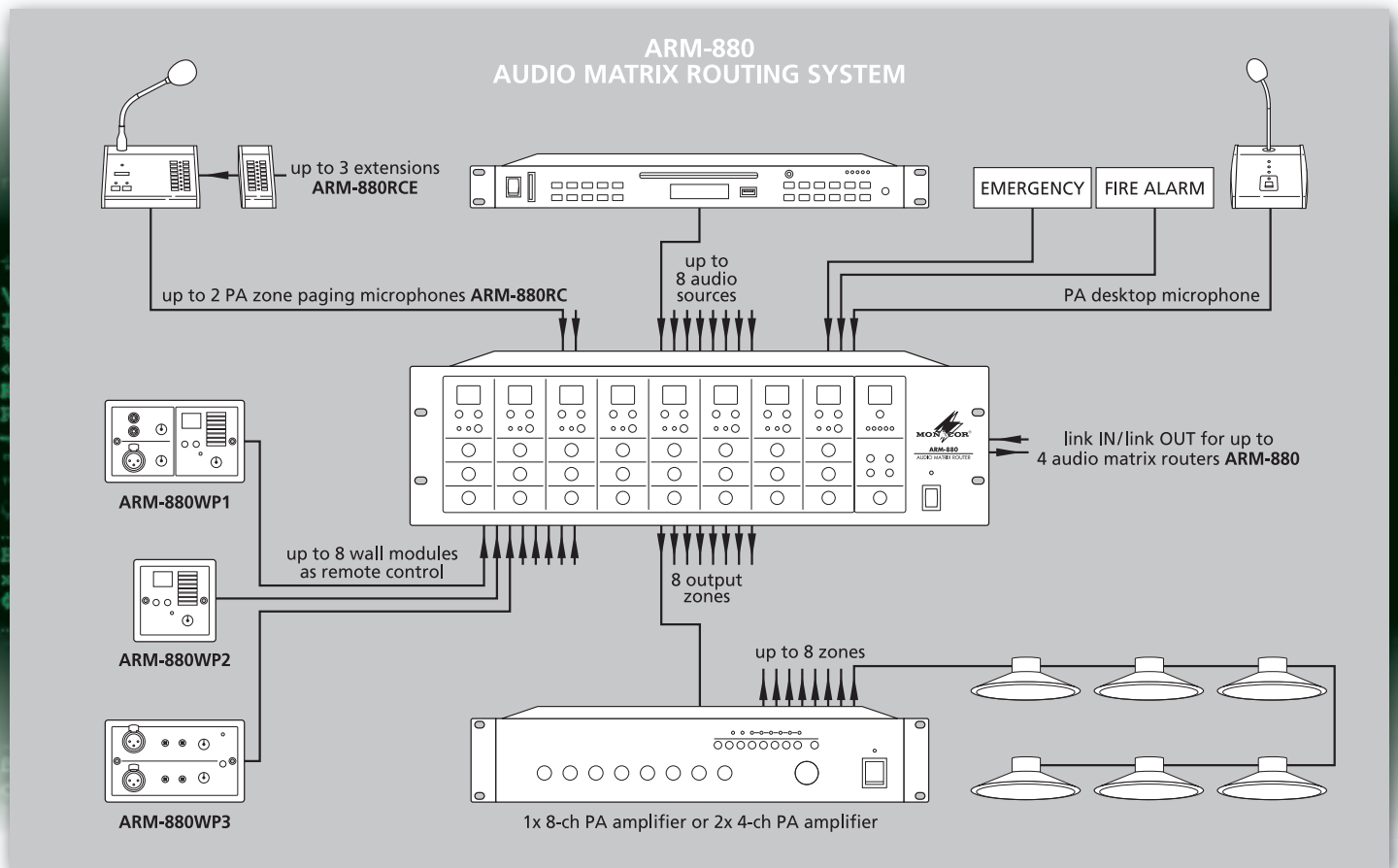- 15 V phantom power

ARM-880WP2 Order No. 17.3840
Wall module
For remote control of one zone
- Source selector switch
- Level controls

ARM-880WP3 Order No. 17.3850
Wall module
For local connection of 2 microphones in one zone
- 2 x NEUTRIK 3-pole XLR jack
- 2-way tone control and level control for each microphone channel
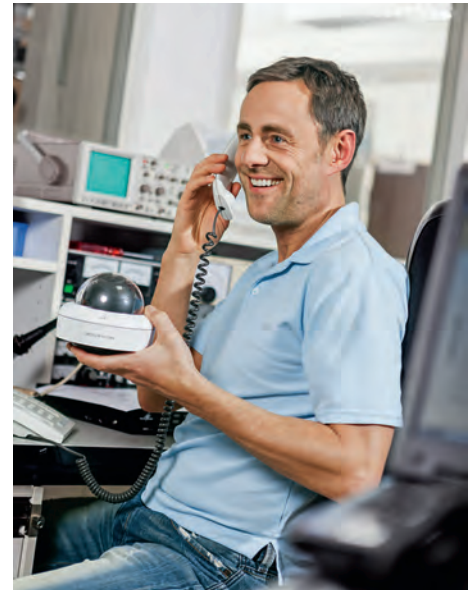- 15 V phantom power
- Priority switch

Full specifications can be found at www.monacor.com.

up to 3 extensions
ARM-880RCE

up to 2 PA zone paging microphones **ARM-880RC**

up to
8 audio
sources

EMERGENCY   FIRE ALARM

PA desktop microphone

ARM-880WP1

link IN/link OUT for up to
4 audio matrix routers **ARM-880**

up to 8 wall modules
as remote control

8 output
zones

ARM-880WP2

up to 8 zones

ARM-880WP3

1x 8-ch PA amplifier or 2x 4-ch PA amplifier

The Complete Range …

Beside the ARM-880 system, our product range offers everything required for your multi-room project: an impressive selection of amplifiers and speakers as well as matching installation accessories.

The ARM-880 system is the perfect solution for your project?

From the very start of this individual challenge, we will offer advice and support and answer questions which may arise during the planning state. Thus, we are able to identify problems at an early stage and together form the basis for a successful project.

If you are an installer and planning a multi-room PA application, please do not hesitate to contact your sales representative at MONACOR INTERNATIONAL. Our experts will be happy to help you with your project. Simply use this service component as part of our range of services, because success can be planned!

Your Retailer