Advanced sound system with matrix mixing and individual zone control

SOUND SYSTEM SOLUTIONS

LARGE MOSQUE

High-performance audio, low-key looks

Our dedicated installation loudspeakers are acoustically and aesthetically matched, so whatever combination of products you select, your system looks as good as it sounds – blending into the architecture while filling the room with superior quality audio.

Complete Solutions

We offer a complete portfolio of microphones for multiple positions and use, multichannel matrix mixing, multi zone amplification, mixing console with Mosque-specific effects engines and a wide range of loudspeakers. Our range starts from basic ceiling speakers to a long throw horn loaded cabinet used in minarets for Adhan (call to prayer) and fiber glass coated line arrays used in courtyards. This allow us to create the most suitable solution for each project.

Flexible options suiting the most challenging acoustic environments

We offer a unique core audio system of our powered mixing console and mixing matrix to precisely address the highly reflective surfaces inside worship spaces. This delivers uncompromising audio performance so everybody inside and outside of the mosque can experience the voice of the Imam in the desired way.

A trusted partner

The legendary performance and reliability of our German made Powermate and CMS mixing consoles have made them the benchmark in mosque applications. We offer proven product solutions with up to 5 years warranty and the industry's best customer support.

EV Electro-Voice   DYNACORD

LARGE MOSQUE

EXAMPLE FOR >1500 M², >500 PEOPLE

System Overview

Full range loudspeakers to be used in the main hall and the ladies prayer room. Weatherized vertical line arrays covering the large courtyard and 100 V full range loudspeakers mounted on the minarets. Wired and wireless microphones connected to the mixing console, matrix mixer and multi-channel DSP amplifiers complete the solution.

System Benefits

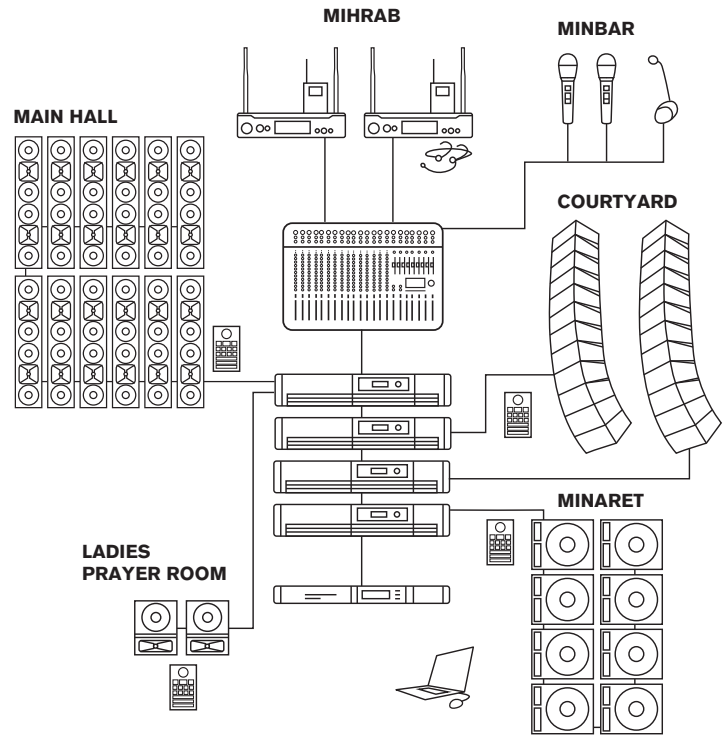Optimized audio management by combining the DSP matrix mixer with wireless remote control and local touch panels

The amplifiers come with digitally controlled interleaved power factor correction supply that ensure uninterupted services, even under challenging mains supply situations

No matter where visitors are located in the main hall, everybody can clearly hear the service as the column speakers come with spaced and filtered woofers in array elements creating smooth coverage and improved speaker intelligibility over a wide bandwidth

Vari-intense loudspeakers equiped with a unique asymmetrical horn design provide even coverage in defined rectangular mosque areas

Line array elements can be installed in the outdoor courtyard as they are IP55-rated with a ruggedized fiber glass coated enclosure, providing maximum possible protection from direct UV light and humidity

The call to prayer will be heard clearly as the minaret mounted horn-loaded full range speakers have a rotatable constant-directivity waveguide to provide maximum intelligibility and long throw at high SPLs

MAIN HALL

MIHRAB

MINBAR

COURTYARD

MINARET

LADIES PRAYER ROOM

LOUDSPEAKERS

12x TS 400 full range cabinets for the main hall

2x EVC-1122-VI 2-Way vari-intense loudspeaker for the ladies prayer room

8x EVH 1152D 2-Way loudspeaker for the minarets

24x X1i-212/90-FGB 2-Way weatherized line arrays for the courtyard

MIXERS, CONTROLLERS, AMPLIFIERS & MICROPHONES

1x MXE5 Matrix mixer	2x IPX 10:4 4-Channel amplifier
4x TPC-1 Touch panel controller	1x R300-E Wireless microphone
1x CMS1600 Powered mixer	1x R300-L Wireless microphone
1x IPX 10:8 8-Channel amplifier	2x ND76S Wired microphone
1x IPX 5:4 4-Channel amplifier	1x PC Desktop

If you need it, we have it!

The EV loudspeaker families were especially developed for the different demands on technology and architecture that are found in mosques. The models of each series can be mixed and matched to achieve the best possible result for your installation. With our PolarChoice and RE3 microphones as well as the CMS mixing consoles and MXE5 we provide additional high-quality components to meet all of your structural and acoustic requirements.

EV Electro-Voice   **D** DYNACORD