CALL2PRAYER

OVERVIEW AND GENERAL INFORMATION

Call2Prayer is a fully automated, hardware-agnostic prayer call management solution that refers to the venue's GPS coordinates, precisely calculates prayer times adhering to approved methods of Islamic Fiqah (Islamic Law), and seamlessly integrates with the site's existing audio, video, control and/or BMS systems.

The Call2Prayer console application renders important system and prayer call management information in real-time. It also allows users to adjust parameters and functions to meet their project-specific requirements.

Call2Prayer is offered in a variety of flavors, add-ons, and options. Flavors are based on the feature and functionalities required of the Call2Prayer system. These include music and media content management, announcements and advertisements broadcasting, special events messaging, scheduling of content playback, message and broadcast.

Call2Prayer solution options are related to the interface and connectivity requirements based on the venue's audiovisual and control system components. Connectivity options include RS232, TCP-IP, GPIO, IR, IoT, and more.

Call2Prayer application is offered as a yearly subscription-based service. The subscription can be purchased through authorized sales channels of the Call2Prayer system. Bulk subscriptions are offered with special consideration.

Call2Prayer is also offered as a COMBO solution. This includes a dedicated PC, OS, and Call2Prayer console app subscription (1st-year subscription included.) and complete configuration for the project site or business. *Contact sales channels for details.*

MINIMUM SYSTEM REQUIREMENTS

The following are the minimum system requirements for Call2Prayer™ 6.0 Rel-2020;

Operating System:

Microsoft Windows® 10 or higher (requires installation of Microsoft .NET 4.7 Framework). Windows 10 PRO is recommended!

Processor:
Celeron *(Latest Gen)* or better

OS:
WINDOWS-10 or higher *(WINDOWS-10 PRO is recommended).*

RAM:
4GB

Disc Space:
128GB of disk space available *(256GB recommended)*. *For media content buffering minimum storage of 500GB is recommended.*

Ports Required:
2 USB-2.0 ports, 1 network port (Wired LAN, Ethernet, or wireless LAN 802.11g/n).

Audio and Sound:
HD Audio out *(such as Realtek ALC662 2 channel High-Definition audio)*. For DANTE functionality DVC will be required.
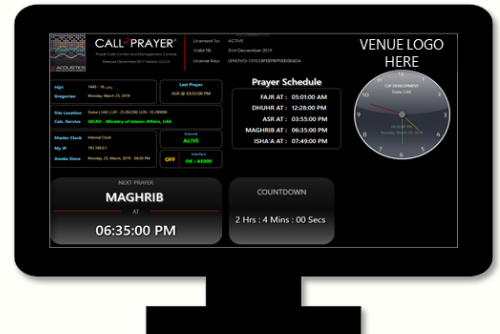
Important note: Call2Prayer Console App is not fully tested for operation running on a virtual Windows Machine using Apple® Macintosh® computers. For critical setup and control operations, a standard Windows PC is recommended.

CALL2PRAYER FLAVORS

Call2Prayer – MASJID: Self-contained high-resolution LED display screen in a variety of sizes specifically designed for mosques and places of worship.

Call2Prayer – PRO: designed for individual users to manage and deliver daily prayer calls automatically. Users can install the app on their existing pc (subject to minimum requirements).

Call2Prayer – MUSIC MANAGER: In-built music player and scheduler allow the Call2Prayer system to function as a music source. Seamless fade in/out of music for prayer call delivery. Multi-zone output is also available in the enhanced version. Also capable of

playing internet radio and other population streaming platforms.

CALL2PRAYER OPTIONS

C2P-USB – Actuator: USB-based interface module to allow contact-closure type connection with 3rd party control components and components.

C2P-USB – IR: USB-based interface module to allow Infra-RED type connection for 3rd party system components.

C2P-USB – Serial: USB-based interface module to allow RS-232 serial connectivity for 3rd party system components.

C2P-USB – Network HUB: Extend connection capability of Call2Prayer system over standard local area network via dedicated Ethernet POE Hub.

C2P-USB – Enviro: Live ambiance data capture and sensing module to monitor and display humidity and temperature of a specific room on the C2P Console App.

C2P-USB Proximity: Proximity sensor to automate specific functions of an audiovisual system through Call2Prayer solution.

C2P-USB FeVAC: Allows Call2Prayer system to take dry-contact from an external system(s) such as Fire Alarm System to suspend / mute Adhaan (prayer call) and Music content playback. The system restores its functions once the contact is released from the external system.

C2P-ANNOUNCER: This allows to schedule and playback of pre-recorded announcements from within the Call2Prayer system. Announcements can be user-defined besides the default announcements to selection from (Safety, COVID-19 SOP, Un-attended articles, and so on)

ARCHITECTS' AND ENGINEERS SPECIFICATIONS'

The prayer call management and strategic interruption solution shall be a hardware-agnostic solution based on the proprietary technology for the calculation of daily prayer call time and

implementation of connection and interface with 3rd party devices, components, and systems.

The solution shall incorporate authentic geo zone-based prayer call time calculations as described in the code of Islamic law and Sharia. The proprietary algorithm shall allow customization based on widely used conventions currently being practiced by the Islamic community. It shall also allow fine-tuning and fixed-prayer time-based calculations for Friday that are observed in certain regions and countries.

Depending on the type, the system shall operate as a music source with integrated prayer call management functions. The music source shall offer single, or multi-zone simultaneous playback of most popular music file formats. The music playback function shall also allow playback of certain internet radio and other population streaming platforms. A simple scheduling function shall be incorporated to automate the playback of music content at specific times.*

The system shall offer a variety of connectivity options for 3rd party device interfaces. These options shall be of the most common connectivity protocols and methods including Serial, TCP, GPIO, and others.*

It shall be possible for the music and prayer calls to be streamed out over popular audio transportation technologies such as DANTE.**

The system shall produce a comprehensive function/event log. The system shall also send alerts and error reports to email subscribers.*

The prayer call management system shall be able to operate on a standard pc with minimum hardware requirements.

The prayer call management and interruption solution shall be Call2Prayer system.

Subject to the selection of available flavors and options of prayer call system. Live internet is required.
***Additional Software / hardware from 3rd party supplier shall be required.*

~ For more information send email to contact@call2prayer.info