

ASTROLABE SHAULA-720 BRIEF INTRODUCTION

Shaula-720 is the main control panel for our system. It has several subsystems that pursue different functions. These subsystems are listed below:

- Power Supply with UPS functionality.
- 24-port PoE switch.
- 150W Mono Audio Amplifier.
- Soft IP-PBX.
- Public Address system utilizing the Amplifier where users can call an extension from any smart device or ip phone and the call audio will be forwarded to all the speakers.
- DLNA based audio streaming from smart devices wirelessly distributed to all speakers (Individual speaker zones can be configured ON/OFF for the media).
- System can be configured to play adhan via the speakers for individual prayer times with configurable options for each prayer (Moazin, length of adhan such takbeerat or complete adhan, volume , speaker zones where adhan should be played)
- Wifi Management: configure and sync all access points (compatible ones) seamlessly from the app with options to enable disable SSIDs, change SSID names, passwords and visibility. Users can set up upto 4 SSID / Networks. Each network can be set to follow timers with 4 rules each.
- Opening of Parking gates and main pedestrian gate.
- Zigbee based intelligent control of devices below connecting to Astrolabe Cloud system and accessible and controllable by mobile app.
 - Lighting control with smart scenarios

- o Zigbee Door Locks
- o Curtains controller
- o AC thermostats
- o Irrigation Controller
- Alarm security system with 16 Zones that are configurable to follow 4 different modes and can be configured as Security Alarm, Fire Sensor, Panic or 24-hour active zone.

To control these systems Cetus App is available for iOS as well as Android Operating systems. The App allows users to control the system from anywhere via the internet powered by Astrolabe proprietary IoT cloud.

Alarm system can be armed, disarmed and configured through the Cetus App. The app would also allow users to control Astrolabe's other devices like gate controller, sheratan-990 Wifi management system, monitoring of CCTV cameras, Audio streaming, controlling smart lights, curtains, AC and supported smart locks.

Features such as DLNA audio streaming are available only on the local network.