

Instruction Manual



System

version 3 / 2020

Software based system for storing and playback of music, pre-recorded messages, tones, sirens with pre-programmed schedules.



Amperes Electronics

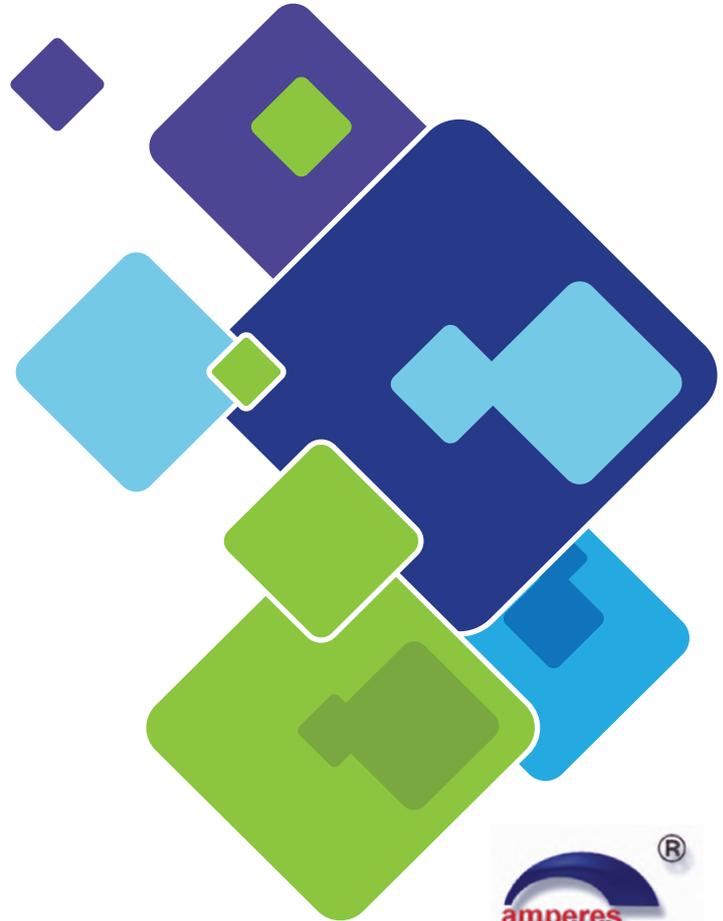


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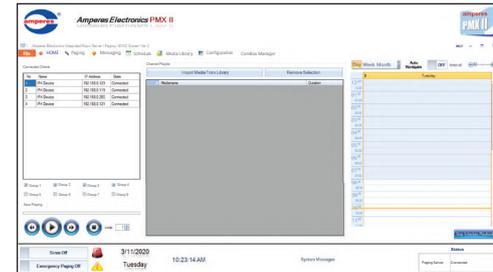
Introducing the PMX IP V2.15, an IP based PMX which can be link to Amperes IP Based PA system to provide the following functions :

- Controls up to 248 zones via iPX5155
- Message playback with option of individual file or groupings
Zone configurations with detailed names and groupings.
- Scheduling into weekly or calendar events
- PC paging as well as external paging with notifications and priority controls
- Voice paging repeat key
- Easier access and file management at Media playlist
- Event loggings and Emergency Alerts

SYSTEM REQUIREMENT :

- Pentium Dual Core CPU with 1 GB RAM, 64 MB Video RAM and 1 GB HDD, Integrated Audio Card or AMD Athlon X2
- Windows 7 operating system or above
- PC microphone
- Windows Media Player

INSTALLING THE SOFTWARE AND HARDWARE



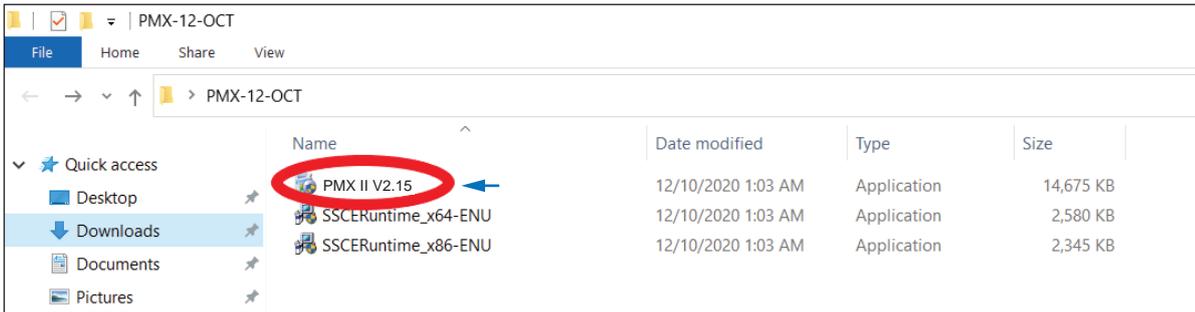
Installing PMX System would enable your existing system to perform more efficiently with reduction of human intervention in environment such as shopping mall, airport, etc where repetitive message shall need to be broadcasted occasionally.

PMX system shall be updated regularly with more features thus making it a product that would never be out of time.

Do read through the manual, thus enabling you to harvest the best features that is available in it. Also check the website regularly to obtain the latest information or updates for downloads.

Steps in installation of PMX System

1 Open PMX setup



Download PMX LAN software into the local drive. The software is available from www.ampereselectronics.com/download.

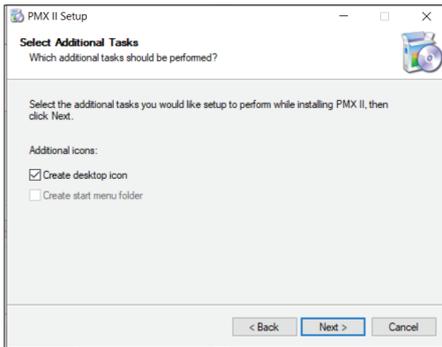
Do check for latest version which we shall upload them from time to time.

Steps in installation of PMX System

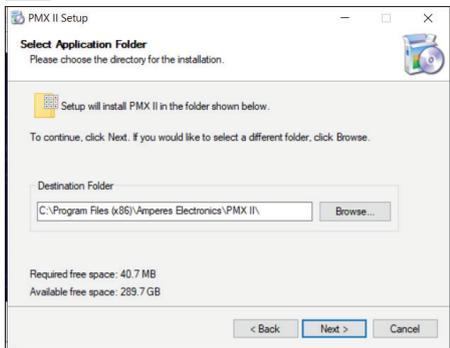
2 Click 'next'



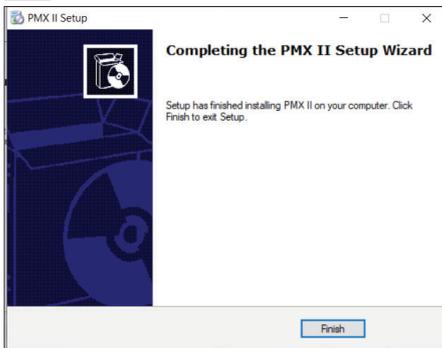
4 Tick to create desktop icon



3 Choose destination folder to be install



5 Click 'Finish'



CONFIGURATION

It is important to perform zone setting in this page especially when the PMX is to be connected to zone decoders, or used alongside with paging microphones. When it is so, priority level is required to determine level of the PMX as compared to other paging mic (PD Series).

PRIORITY

This is to set the priority level of the paging mic. Priority 1 is highest while No Priority is considered normal and is used in single point paging setup.

PAGING TIMEOUT

This is to set the paging duration before the paging session is closed automatically.

START / END CHIME

This menu is to set the chime type when the paging mic is on and followed by closing chime.

SIREN AUDIO

This is to set type of siren audio to be used when triggering the siren feature.



SIREN MODE

This option is to set whether to use local or remote siren.

RECORDING DEVICE

This option is to select microphone used for PMX.

IPX CONFIGURATION

To set the paging server configuration according to the paging server being used in the system.

USER INTERFACE

This option is to set the theme colour, enable or disable clock on PMX application.

REMOTE INTERFACE

This option is used when there is iPX5500 connected to the system.

Note:

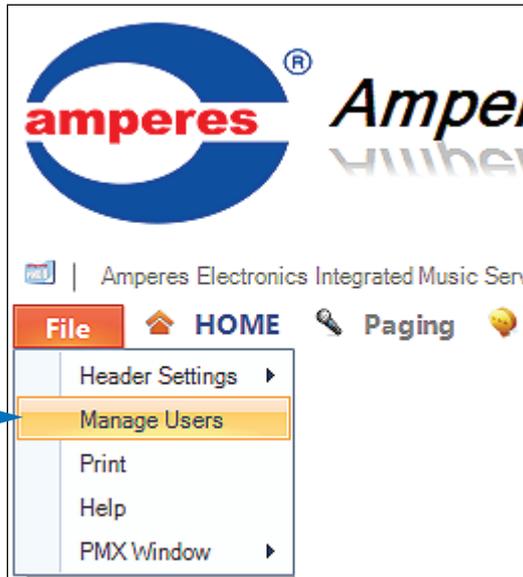
iPX5500 is used to collect data from equipment such as QP power amplifiers, battery charger, line surveillance unit, etc for remote monitoring via this software.



MANAGE USERS

Two levels of login are available : Admin and User. Normal user shall be able to operate the system but any alterations such as zone names, groupings, schedules shall not be permitted.

- To add a new user, click 'File' menu, select manage user, enter the name and the password, assign the access level and then click "CREATE USER".
- To delete a user, select the user name and click "DELETE".
Note; - Only a login with admin level shall be able to amend the status as well as deleting the current user.
- To return to the main menu, click the button "CLOSE".
- The default Name is "admin" and password is also "admin" which is set at Admin level. Please delete this default name and its password when it is used for the first time.



Main window



User Manager

MEDIA LIBRARY

Various files of different format can be save in the HDD and played provided that they are supported by Windows Media Player.

Save files can be categorised into 3 groups, namely

- Music / Video
- Messages
- Chime and Tone

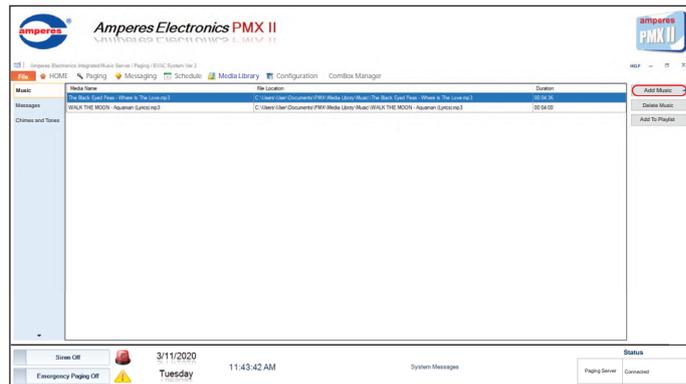
To add music or messages and to store them into the Hard Drive, click **ADD MUSIC / VIDEO** and a file window shall appear. Listed shall be files already available in the HDD according to the category.

- Click 'Add Music / Video' and Import File Window shall appear
- Select the category (Music & Video, Message and Chime & Tone)
- Click **OPEN** and the directory window below shall pop up, choose the drive that contains the songs to be saved.
- Once they are selected, click **OPEN** and **CLOSE** the window

Follow the same steps above to add music / video, message or chime and tone.

It is recommended to save songs into **Music & Video** category, tones into **Chime & Tone** category as well as messages into **Message** folder.

Each time this **add music / video** window is shown, songs or tones already save in HDD shall be listed. To delete the song or file, just check and click **Delete** button.



ZONE SETTING

PMX System allows you to name the zoning in details without any truncation and also allows you to combine few common zones into Groups. Example, Guest lobby, Accounts Department, Sales Department located at ground floor into a group called Ground Floor. This enables easier and faster paging to those several zones located at the same area.

Another distinctive feature available is the zone assignment according to the priority, such as Normal and Emergency. When a zone is assigned as Emergency Zone, a normal ALL CALL paging would not activate the zone unless in Emergency Paging. Among the zone that would warrant this feature is the meeting or conference room, director room or zones that would only receive emergency paging.

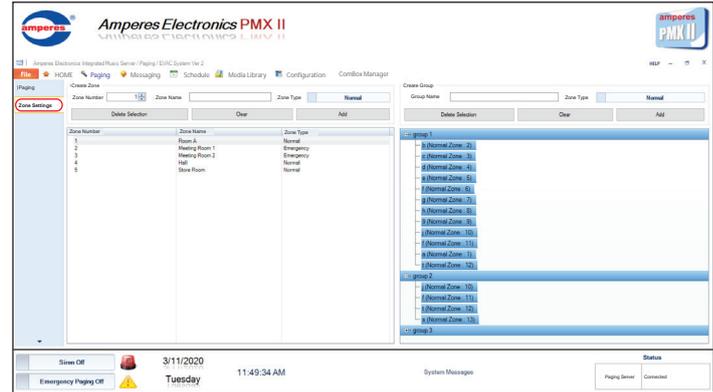
Creating A Zone

To create zone and naming it or editing an existing setup, click ZONE SETTING in PAGING window.

- To create a new zone, provide a zone name, assign it as Normal or Emergency and 'Add'. The list shall be updated accordingly.
- To delete zones, Select zone and click 'delete selection'. The zone would be deleted.

Creating A Group

- To create a new group, key in the group name, zone type.
- After create the group, drag & drop the zone name to group.



■ CREATE NEW SCHEDULE

This scheduling refers to setting up playback according to the specific date and time. Among application is the auto broadcast of birthday song, etc.

- To create schedule, choose 'On Date' or 'Reccuring'.

Create schedule 'On Date' :

- Select the date & time
- Select End of schedule date
- Select Event category of color
- Select the media
- Select the zone or group
- Type the event name
- Click the 'Create Schedule' button

Create schedule 'On Date'

Amperes Electronics Integrated Music Server

File HOME Paging M

Create New Schedule Event Calender

Create Schedule On Date

Date Tuesday, 16 July

Hour Minute

1	2	3	00	05	10
4	5	6	15	20	25
7	8	9	30	35	40
10	11	12	45	50	55

AM PM

Create schedule 'Reccuring' :

- Select the day of schedule
- Select the time of schedule
- Select Event category of color
- Select the media
- Select the zone or group
- Type the event name
- Click the 'Create Schedule' button

Create schedule 'Reccuring'

Amperes Electronics Integrated Music Server

File HOME Paging

Create New Schedule Event Calender

Create Schedule Reccuring

Sunday
Monday
Tuesday
Wednesday
Thursday
Friday
Saturday

Hour Minute

1	2	3	00	05	10
4	5	6	15	20	25
7	8	9	30	35	40
10	11	12	45	50	55

AM PM

HOW TO DELETE SCHEDULE

- Select Schedule Event List or Event Calendar, window shall appear details of schedule, select schedule you want delete and click delete button to delete schedule.

Schedule Event List

Event Name	Event Type	Event Start Date	Event End Date	Event End Date	Delete
Schedule 1	Call	3/11/2020 10:00 PM	3/11/2020 10:00 PM	All Calls	Delete
Schedule 2	REC	3/11/2020 10:00 PM	3/11/2020 10:00 PM	Tuesday, 3 November, 2020	Delete
Schedule 3	Call	3/11/2020 10:00 PM	3/11/2020 10:00 PM	10,11,12,13	Delete
Schedule 4	REC	3/11/2020 10:00 PM	3/11/2020 10:00 PM	10,14	Delete
Schedule 5	Call	3/11/2020 10:00 PM	3/11/2020 10:00 PM	All Normal Zones	Delete
Schedule 6	Call	3/11/2020 10:00 PM	3/11/2020 10:00 PM	All Emergency Zones	Delete

Event Calendar

SCHEDULE VIEW

Day Event Calendar

Week Event Calendar

Month Event Calendar

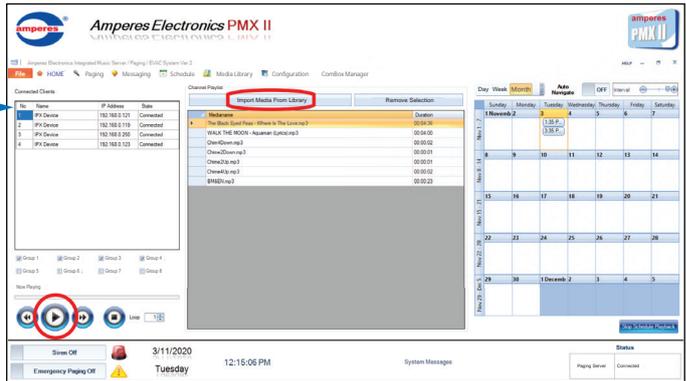
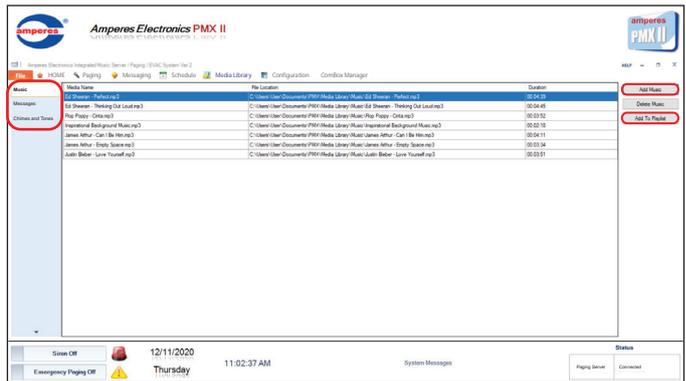
Year Event Calendar

MUSIC PLAYBACK - PLAYLIST

Daily songs for playback can be played manually or stopped by using the Playback control panel.

Songs shown in the playlist are previously stored in the PC's HDD or had been downloaded / imported earlier. To create Playlist songs, please refer to section : Media Library.

- Open MEDIA LIBRARY window, select category e.g: Music & Video, message or chime & tone, select 'Add Music / Video' button and choose media from computer and then click 'Add To Playlist'.
- Return to main page, click 'Add Media' button. Playlist will be displayed.
- To start the song in the Playlist, click 'Play All' or 'Play Selected' & click the 'play' button.
- To stop a song, click 'Stop' button.
- To repeat the song, click 'Play Selected' shall force the songs to be played continuously.
- To directly play a particular song in the playlist, selection the song & click play button.



MESSAGING

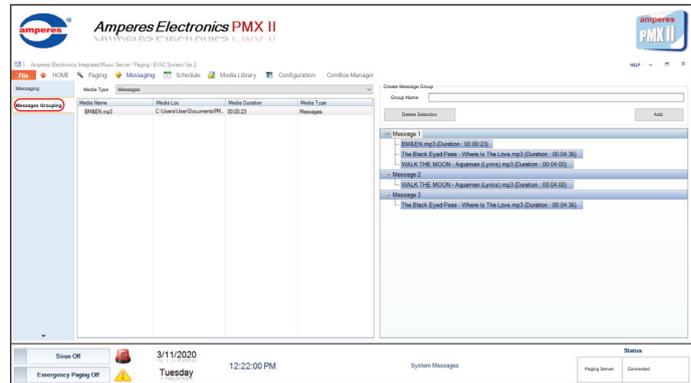
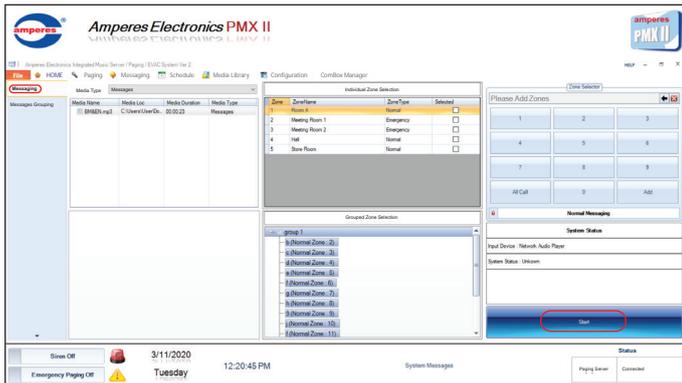
Pre-recorded message or chime or tones that are saved in the HDD can be played automatically according to the schedule or manually with the following steps.

MESSAGING

- Select the group and zone.
- To play the message, click START.

MESSAGE GROUPING

- Create message group
- Arrange media - select, drag and drop the media to groups according to the playlist you want.



PAGING

Paging can be made to specific zone or group of zones using this function. To perform zone paging,

- Select the group for the message to be broadcasted by checking the appropriate row.
- To page, click 'page' button. A chime shall be played and the mic at the PC shall be ready for voice paging.
- To end paging, click the 'page' button again, which shall be followed by a downward chime.
- To repeat the recording, click the REPEAT button.

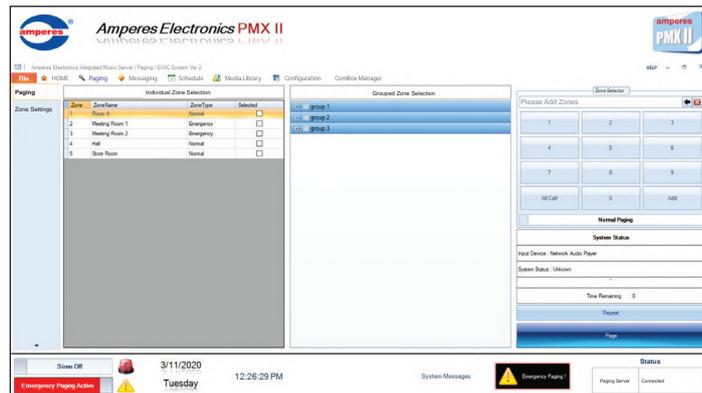
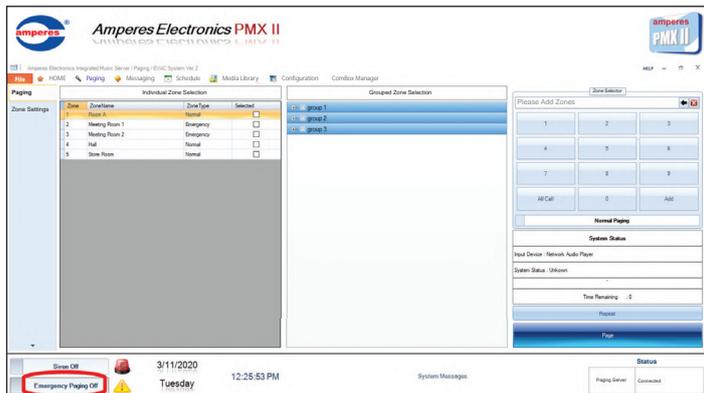
The screenshot displays the Amperes Electronics PMX II software interface. The main window is titled 'Amperes Electronics Integrated Music Server / Paging / EIBC System Ver 2'. The interface is divided into several sections:

- Zone Settings:** A table with columns 'Zone', 'ZoneName', 'ZoneType', and 'Selected'. It lists zones such as 'Room A', 'Meeting Room 1', 'Meeting Room 2', 'Hall', and 'Store Room'.
- Individual Zone Selection:** A list of zones with checkboxes for selection.
- Grouped Zone Selection:** A list of groups (group 1, group 2, group 3) with checkboxes.
- Please Add Zones:** A grid of buttons numbered 1 through 9, plus 'All Call', '0', and 'Add' buttons.
- System Status:** A section showing 'Input Device: Network Audio Reyer' and 'System Status: Unknown'.
- Time Remaining:** A display showing '0'.
- Buttons:** 'Repeat' and 'Page' buttons are visible at the bottom of the main interface. The 'Page' button is highlighted with a red circle and a blue arrow.
- Footer:** A status bar at the bottom shows 'Siren Off', 'Emergency Paging Off', the date '3/11/2020', the time '12:23:50 PM', and 'System Messages'.

EMERGENCY PAGING

This quick access button allows all zone activation regardless of the category of the zone for voice paging, message or tone broadcast.

- Click EMERGENCY PAGING OFF at the Quick Access Button and EMERGENCY PAGING ACTIVE.
- After finish, click EMERGENCY PAGING ACTIVE to EMERGENCY PAGING OFF.
- Song playback shall automatically resume after the emergency paging function is closed.



SWITCHING OFF THE SYSTEM

To log off, simply follow the steps below ;

- To log out, click File, select PMX window, choose Exit.

The screenshot displays the Amperes Electronics PMX II software interface. The 'File' menu is open, and the 'PMX Window' option is highlighted with a blue arrow. The 'Channel Playlist' table shows a list of songs including 'The Black Eyed Peas - Where Is The Love.mp3'. The interface also features a calendar on the right, playback controls at the bottom, and system status indicators like 'Siren Off' and 'Emergency Paging Off'.

Medianame	Duration
The Black Eyed Peas - Where Is The Love.mp3	00:04:36
WALK THE MOON - Aquaman (Lyrics).mp3	00:04:00
Chime4Down.mp3	00:00:02
Chime2Down.mp3	00:00:01
Chime2Up.mp3	00:00:01
Chime4Up.mp3	00:00:02
BMEIN.mp3	00:00:23

WARRANTY

Only Amperes Electronics Service Centres are allowed to make warranty repairs : a list of Amperes Electronics Service Centres may be asked for by the purchaser or send directly to Amperes Electronics Sdn Bhd at 70 Jalan Industri PBP 3, Tmn Perindustrian Pusat Bandar Puchong, 47100, Puchong, Selangor, Malaysia or its authorized master distributor, Amperes Global Marketing. This warranty is not valid if repairs are performed by unauthorized personnel or service centres.

This warranty covers only repairs and replacement of defective parts ; cost and risks of transportation as well as removal and installation of the product from the main system are for the account of the purchaser. This warranty shall not extend to the replacement of the unit.

This warranty does not cover damages caused by misuse, neglect, accident of the product as well as using the product with power supply voltage other than shown on the product, or any other power supply source / adaptor not recommended by the manufacturer.

This warranty does not cover damages caused by fire, earthquakes, floods, lightning and every cause not directly related to the unit.

This warranty does not include any indemnity in favor of the purchaser or the dealer for the period out of use of the unit; moreover the warranty does not cover any damages which may be caused to people and things when using the product.

This warranty certificate is valid only for the described product, and is not valid if modifications are made on this certificate or on the identification label applied on the product.

This warranty covers all the material and manufacturing defects and is valid for a period of 36 months from the date of purchase or for a longer period in countries where this is stated by a national law. In this case, the extension is valid only in the country where the product is purchased.

Amperes Electronics Sdn Bhd is not obliged to modify previously manufactured products under warranty if the design changes or improvements are made.

DISCLAIMER

Information contained in this manual is subject to change without prior notice and does not represent a commitment on the part of the vendor. AMPERES ELECTRONICS SDN BHD shall not be liable for any loss or damages whatsoever arising from the use of information or any error contained in this manual.

It is recommended that all services and repairs on this product be carried out by AMPERES ELECTRONICS SDN BHD or its authorized service agents.

AMPERES series must only be used for the purpose they were intended by the manufacturer and in conjunction with this operating manual.

AMPERES ELECTRONICS SDN BHD cannot accept any liability whatsoever for any loss or damages caused by service, maintenance or repair by unauthorized personnel, or by use other than that intended by the manufacturer.