Instruction Manual



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





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SYSTEM OVERVIEW

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



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. a

INSTALLING PMX INTO A PC

Steps in installation of PMX System



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.

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INSTALLING PMX INTO A PC

Steps in installation of PMX System



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-	

Choose destination folder to be install





Tick to create desktop icon





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SYSTEM START UP

To begin using the system, click the ICON and a login window would appear as shown :

The default user name is "admin" and the password is "admin". You can change the default name and passwords in USER menu. Details in the following section.

Note:

To run PMX LAN, please turn Off window's firewall and run as "administrator" if PMX fails to start up, or error message shown in pop up.

CREATING LOGO & LABEL AT THE HEADING

Create your company logo & label to the heading by :

- Click File menu, select Header Setting and 'Set New Logo & Set New Label' shall appear.
- Set New Logo Choose logo from your computer & open.
- Set New Label Type the header text you wish to appear and save.

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Amperes Electronics PM	X Save	



Cancel

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Set New Logo

Set New Label

Login

User Name Password

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Manage Users

PMX Window

Print Help

File

Password

Amperes Electronics Integrated Music Server / Pag

e A HOME

amperes pmx system

Main window

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Login window

Set Label window

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.



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PX5500 Data S Serial Po Com 1	No Dan Put Stated Put Stated			

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.

User Account Ma	anager		
User Name			
Password	Password		
User Level	Normal Us	ser	Create User
Usemame	Password	User Level	
ADMIN	ADMIN	Administrator	Delete
ACCOUNT	ACCOUNT	Normal User	Delete



Main window

С

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.

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WALK THE MOON - Aquaman (Lytes) mp3	C-UserViberOccurrent/PMI/Meda Lbox/Music The Back (yet Pear Where & The Live rp. C-UserViberOccurrent/PMI/Meda Lbox/Music/WAIX THE MOON - Acuman (Lvice) no.3	00.04.00	Delete
			Add Ti

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.

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Delete Selecto	n Oear	Add	Delete Selection	Cear	Add
Zone Number	Zone Name	Zone Type	et aroup 1		
34	hing Roo 2 Bare Noon	Engelse Kond	- (100002 2000)) - (1000002 2000)) - (100002 2000)) - (1		

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 '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

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Date	Tue	esday , 1	6 July	/ •				
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1 2	3	00	05	10				
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10 11	12	45	50	55				



Amperes Electronics Integrated Music Server										
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7	8	9	30	35	40					
10	11	12	45	50	55					
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GUIDE TO SOFTWARE OPERATION ... con't

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 Calendar

emperes *	Amperes	Electronics PMX	H.			ampores PMXII		mperes Electro	nics PMX II					amperes PMX11
Amperes Bectroni File & HOME Create New Schedule Event Name Schedule 1	ics Integrated Music Server / Paging Paging Mossagin Event Calendar Schedu Date	EVIC System Ver 2 g Schedule Media Library Re Event List Event Stat Date 3/11/200 12:00:00 FM	Configuration ComBox	Manager Event End Date	EvertZones ALL CALL	HEF - 0 X	Impress Dectronics Integrand II File Impress Dectronics Integrand II Create New Schedule Event C Day Week Month Year Timelow	ais Server / Paging / EVIC System Ver 2 Massaging Schedule lendar Schedule Event List	📓 MediaLibrary 💐 Confi	guration ComBox Manager				ная — — — — — — — — — — — — — — — — — — —
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SCHEDULE VIEW

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		Tunda	
Entraño 1 Entraño 1			
Sires Of 3/11/2020 Encogeocy Paging Of A Tuesday	12:05:35 PM	System Messages	Status Paging Server Connected



Month Event Calendar

Day Event Calendar

Amperes Electronics PMX II amperes - 0 📧 🏟 HOME 🦠 Paging 🌳 Messaging 📅 Schedule 📓 Media Library 🔳 Configuration ComBox Manager Create New Schedule Event Calendar Schurkda Fuent List Day Week Month Year Timeline Annonmer 01 - November 07, 2020 Internal (m) - (D)(4) Delate 1 Gunder 2 Monster Caburday 3/11/2020 12:06:57 PM System Message Paging Server Connected Emergency Paging Off Tuesday

Week 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.

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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.

Paging		Indivi	dual Zone Selection		Grouped Zone Selection		Zone Selector					
Settings	Zone	ZoneName	ZoneType	Selected	e-E group 1	Please Add Zones		+ E				
	2 3 4 5	Meeting Room 1 Meeting Room 2 Hall Store Room	Energency Energency Normal Normal		[International and an	1 4 7 24 Gal	2 5 8 0 Normal Paging	3 6 9 Add				
					t(Normal Zone : 12)	input Device : Network Audo	System Status Player					
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							Time Remaining : 0					
							Repeat					

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.

Anperes Ele	choice Integrated Music Server / Paging /	EVICSystem Ver 2	Confermine ComPariation		ны - а х	I Anperes De	Chonica Integrated Music Server / Pager	g/EVAC System Ver 2		line OneRey Manager			ни - с ,	
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				All Call 0	Add						All Call	0	Add	
				Normal Paging								Normal Paging		
				System Status								System Status		
				Input Device : Network Audio Player							Input Device : Network Au	io Player		
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			1.	Repeat								Repeat		
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SWITCHING OFF THE SYSTEM

To log off, simply follow the steps below ;

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

Header Settings 🕨	1974 Vaging V Messaging Schedule in Media Library Configuration ComBox Manager							av Weck	Month	Aut	Auto				
Manage Users				_	Import Media From Library Remove Se			ay week wond		Navig	ate	UFF Inter	ival e)	
Print	IP Add	ress	State					Sunday	Monday	Tuesday	Wednesda	y Thursday	Friday		
nep	192.16	1.0.121	Connected		Medianame	Duration	~	Inovem	02	3 (1-35 P	4	5	0	1	
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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.