Presenting
INTELLIGENT PAGING SOLUTIONS
from AHUJA

AHUJA®
PUBLIC ADDRESS SYSTEMS

75 YEARS
1940-2015

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Hallmark of Reliability!
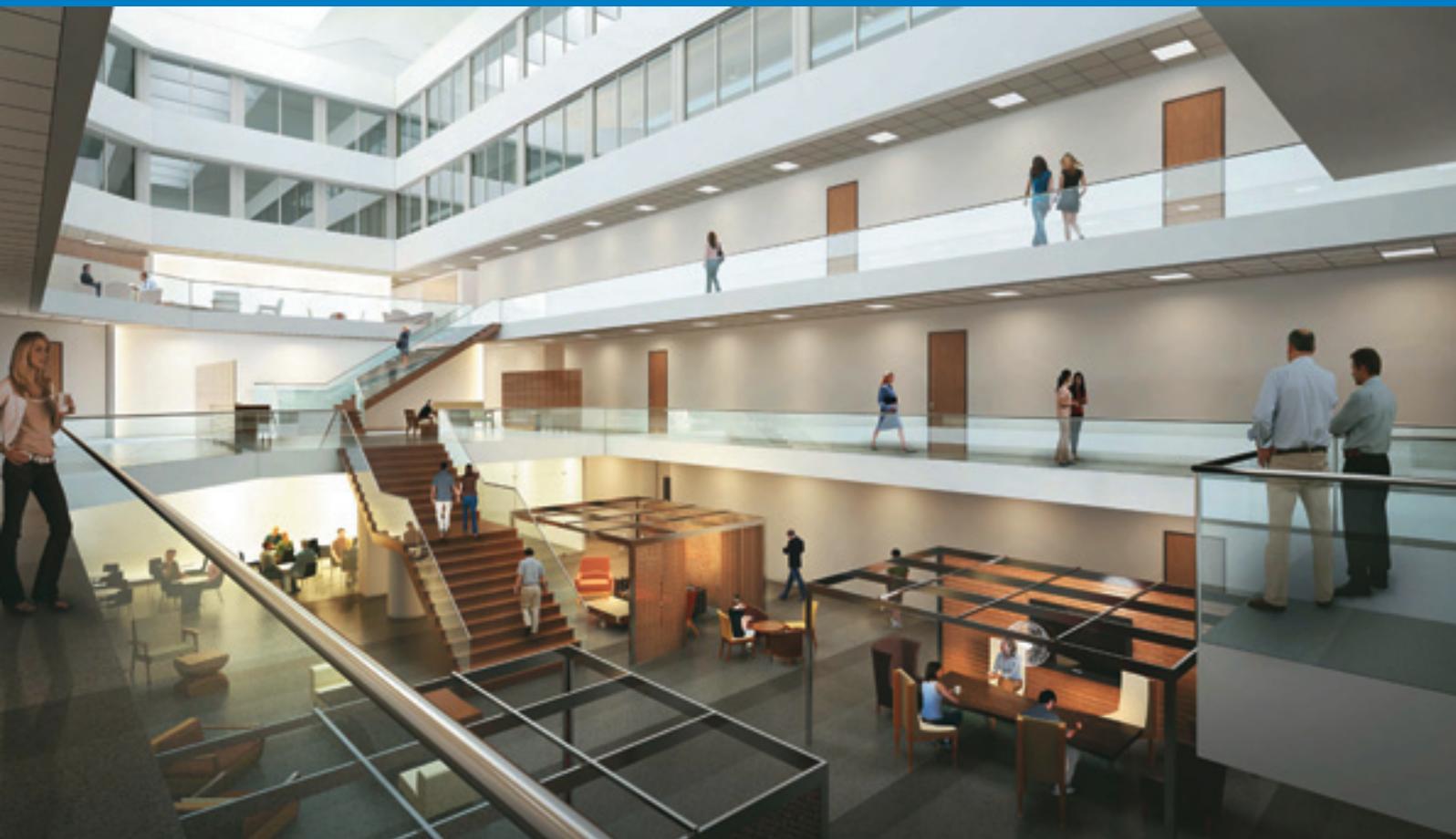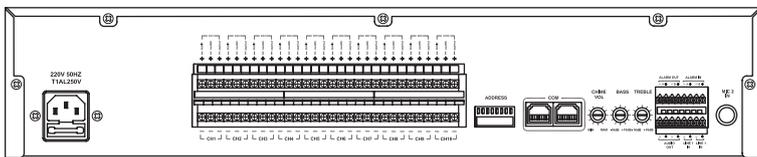
APZ-501RM
Remote Paging Mic Console

- A high performance remote zonal paging console that works with paging controller APZ-502CU for remote paging and control over a multi-zone system.
- Several modes (all zones, 10 zones or individual zones) can be achieved through this paging console.
- Capability to page upto 300 zones from one APZ-501RM.
- Capability of cascading (series connection with RJ 45) up to 16 microphones for paging from multiple locations.
- Operation number input keys with LED display.
- Can manage upto 30 paging controllers APZ-502CU (for 300 zones).
- Fitted with a condenser microphone with flexible 12.5 inch (31cm) gooseneck. Built in chime circuit.
- Recessed chime and microphone level controls.
- Elegant extruded aluminium body

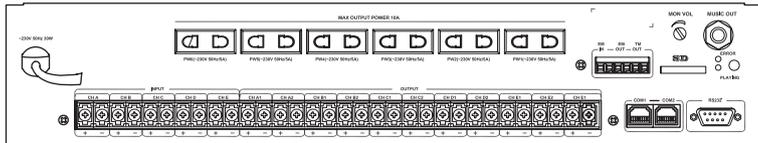| SPECIFICATIONS	
Input	MIC: 600Ω,10mV, unbalanced, Line:10kΩ,775mV, unbalanced
Output	Balanced
Frequency Response	MIC:100Hz~15KHz; Line: 30Hz~18KHz
S/N Ratio	MIC input: 60dB Line input: 80dB
Controls	Chime & MIC VOL controls, 300 channel selection, chime button,
	MIC on/off switch, 10 Zones & All Zone Switch, power switch
Power Supply	DC 24V
Communication Protocol	RS422
Communication Input & Speed	RJ45, Speed : 4800bps
Dimension	W220 x H51.5 x D142.7 mm
Weight	1.25kg

APZ-502CU
Paging Selector Control Unit

- 10 Zone Paging selector /controller.
- Provision for connecting APZ-501RM for paging from separate location.
- Provision also for connecting an additional microphone and doing zonal paging from the Paging Selector itself. These announcements will have priority over announcements made from a Remote Paging Microphone.
- 2 channel amplifier inputs (Channel A for BGM Amplifier and Channel B for Paging Amplifier). When paging announcement is made, music will be interrupted only in zones where announcement is required.
- Two color zone status LEDs to indicate music or paging status of each zone.
- Provision to cascade upto 30 sets of APZ-502CU for a 300 zone system.

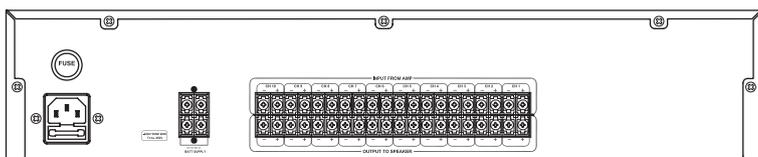| SPECIFICATIONS	
Input	MIC1,2:600Ω,5mV,unbalanced Line1,2:10KΩ,775mV unbalanced
Frequency Response	MIC:100Hz~15KHz; Line: 30Hz~18KHz
S/N Ratio	MIC input: 60dB Line input: 80dB
Controls	MIC1, 2 VOL Controls, 10 channel selectors, chime button, power switch
Power Supply	230V/50Hz
Communication Protocol	RS422
Communication Input & Speed	RJ45, Speed : 4800bps
Dimension	W484 x H88 x D303 mm
Weight	4.6kg

APZ-503TM
Timer

- 5 Inputs, 10 outputs.
- Built-in MP3 player.
- Built-in weekly timer.
- Multiple schedules programming.
- Built-in LDC screen.
- Can also be programmed by connecting to a computer.

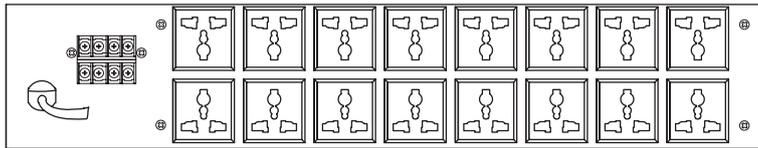| SPECIFICATIONS	
Power Supply	230V/50Hz
Power Output	230V/50Hz, 4 Program Power +2 AUX power Total Power < 5kW
Indication Method	192 x 64 LCD display, English
Audio Output	1kW 0.775V Unbalance (6.35RC)
Amplifier Input and Output	Integrated Terminal Block
	CHA, CHB, CHC, CHD, CHE inputs
	CHA1-A2 CHB1-B2 CHC1-C2 CHD1-D2 CHE1-E2 outputs
Time Mode	24 hours (hour-minutes-seconds) weekly
Communication Protocols	RS422
Communication Port	RJ45
Communication Speed	4800bps
MP3 Frequency Response	20Hz-20kHz/± 1dB
MP3 Store Format	Compatible FAT12, FAT16, FAT32
Dimension	W484 x H88 x D303 mm
Weight	6.8kg

APZ-504LD
Speaker Loop Detector

- Can be used for easy detection of faults in speaker circuits.
- Detects speaker line impedance, open circuit, short circuit and overloading.
- Suitable for 100V and 70V line speaker system.
- Can monitor upto 10 speaker lines.

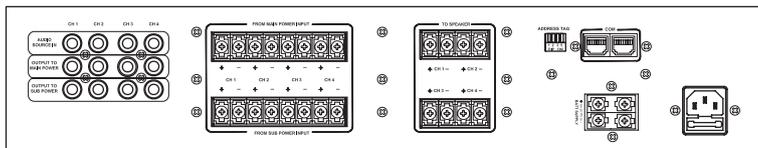| SPECIFICATIONS	
Power Supply	230V/50Hz & DC 24V
Power Consumption	20W
Dimension	W484 x H88 x D303 mm
Weight	5.5Kg

APZ-505PD
Power Distributor

- Facilitates sequential time delayed switching ON or OFF of upto 16 products.
- Electronic lock switch, 2 modes: manual and automatic ,16 power sockets connect or disconnect in turn.
- LED working status indicator

SPECIFICATIONS	
Power Supply	230V/50Hz
Power Consumption	20W
Dimension	W484 x H88 x D303 mm
Weight	5.6kg

APZ-506AC
Automatic Changeover Unit

- Switches ON a spare amplifier when the main amplifier is faulty.
- Automatic detection and changover.
- Upto 4 main and 4 spare amplifiers can be connected.
- 4 groups of speaker outputs.
- Status Indicator LEDs.

| SPECIFICATIONS	
Power Supply	230V/50Hz
Power Consumption	30W
Dimension &	W484x H88 x D446 mm
Weight	7.7Kg

APM-201RM
Remote Paging Microphone

- A high performance remote zonal paging console that works with paging control unit APM-202CU.
- Can be paired with one APM-202CU to form a 6 zone system, or with two nos APM-202CU to form a 12 zone system.
- 12 Zone selector buttons. Facility for one button ALL CALL or group paging.
- Fitted with a condenser microphone with flexible 16 inch gooseneck.
- Built-in chime circuit.
- Recessed chime and microphone level controls.
- Elegant extruded aluminium body

SPECIFICATIONS	
Output Level	1V (Nominal).
Switches	12 Zone Selectors, All Call, Chime, Group 1, Group 2, Mic ON/OFF, Reset, Power ON/OFF.
Controls	Mic level, chime level.
Power Supply	DC 24V (from APM-202CU).
Dimensions	W285 × H530 × D160 mm
Weight	1.6kg

APM-202CU
Control Unit
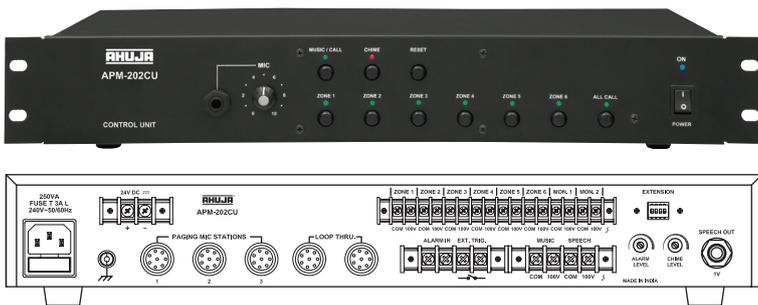
- 6 Zone Paging controller.
- Provision for connecting APM-201RM for paging from separate location. Upto 3 nos of APM-201RM can be connected.
- Provision to cascade upto 2 sets of APM-202CU to form a 12 zone system.
- Provision also for connecting an additional microphone and doing zonal paging from the control unit itself. These announcements will have priority over announcements made from a Remote Paging Microphone.
- 2 channel amplifier inputs (Channel A for BGM amplifier and Channel B for Paging amplifier). When paging announcement is made, music will be interrupted only in zones where announcement is required. Works on 100V signal from any PA amplifier.
- Two color zone status LEDs to indicate music or paging status of each zone.

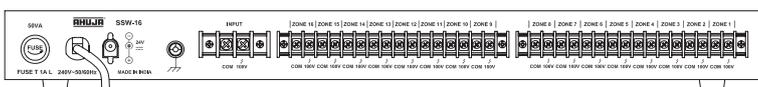| SPECIFICATIONS	
Switching Signal Level	100V (Nominal)
Inputs (Nominal)	3 x APM-201RM (1V/10k), 1 x Mic (1mV/4.7k), Speech Amp (100V), Music Amp (100V), Alarm (100mV).
Switches	6 Zone Selector switches, All Call, Chime, Reset, Music/Call Selector, Power ON/OFF.
Controls	Mic Level, Chime level, Alarm level
Power Supply	AC 220-240V, 50/60Hz ; DC 24V (2 x 12V Car Battery)
Dimensions	W483 × H75 × D300 mm
Weight	4.8kg

APM-106Z
Zonal Paging Microphone

- Packaged system consisting of a 6 zone Remote Paging Mic Console and a 6 zone control unit.
- Designed for low level signal switching. Control unit provides 6 zonal speech outputs for connecting upto 6 separate amplifiers.
- 6 Zone selector switches and ALL CALL switch on mic console.
- 16″ (40 cm) flexible gooseneck mic fitted on the mic console.
- Built in chime circuit.
- Recessed chime and mic level controls.

SPECIFICATIONS

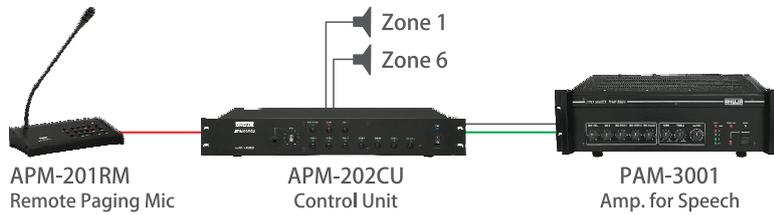|		
Output Level	100mV (nominal)	
Switches	6 Zone Selectors, All Call, Chime, Reset, Power ON/OFF on MIC Console	
Controls	Mic Level, Chime Level	
POWER SUPPLY	AC 220-240V, 50/60Hz ; DC 24V (2x12V Car Battery)	
Dimensions	Mic Console	W210 × H60 × D155 mm
	Control Unit	W483 × H43 × D178 mm
Weight	Mic Console	1.05kg
	Control Unit	2.50kg

SSW-16
16 Channel Manual Zone Selector

- Compact and reliable manual zone selector with provision for switching a 100V audio signal to one or more of upto 16 zones.
- 1 x 100V Input, 16 x 100V Outputs, Manually Switchable.
- Built in relay for ALL CALL.
- LED indication of selected zones.

SPECIFICATIONS

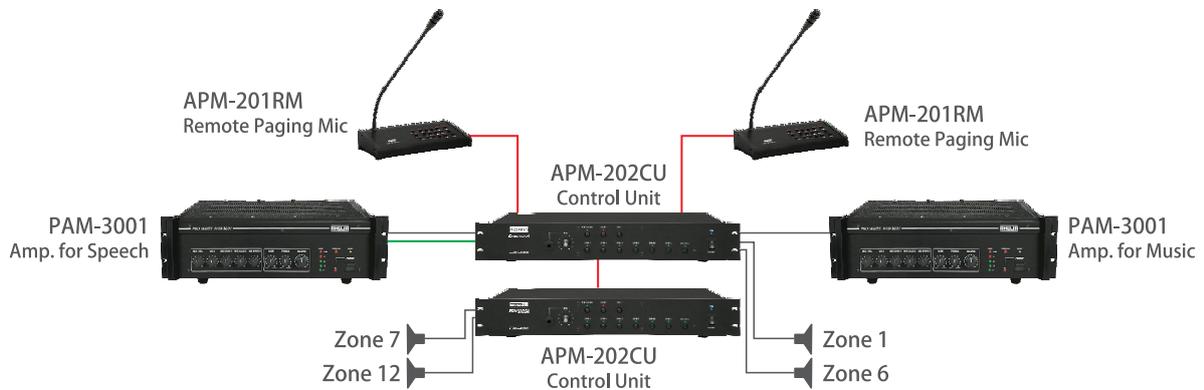|	
Input	1 x 100V (nominal)
Outputs	16 x 100V (nominal)
Switches	16 Zone Selector switches, plus ALL CALL, Power ON/OFF.
Power Supply	AC 220-240V, 50/60Hz ; DC 24V (2 x 12V Car Battery)
Dimensions	W483 × H53 × D180 mm
Weight	2.70kg

APM SERIES
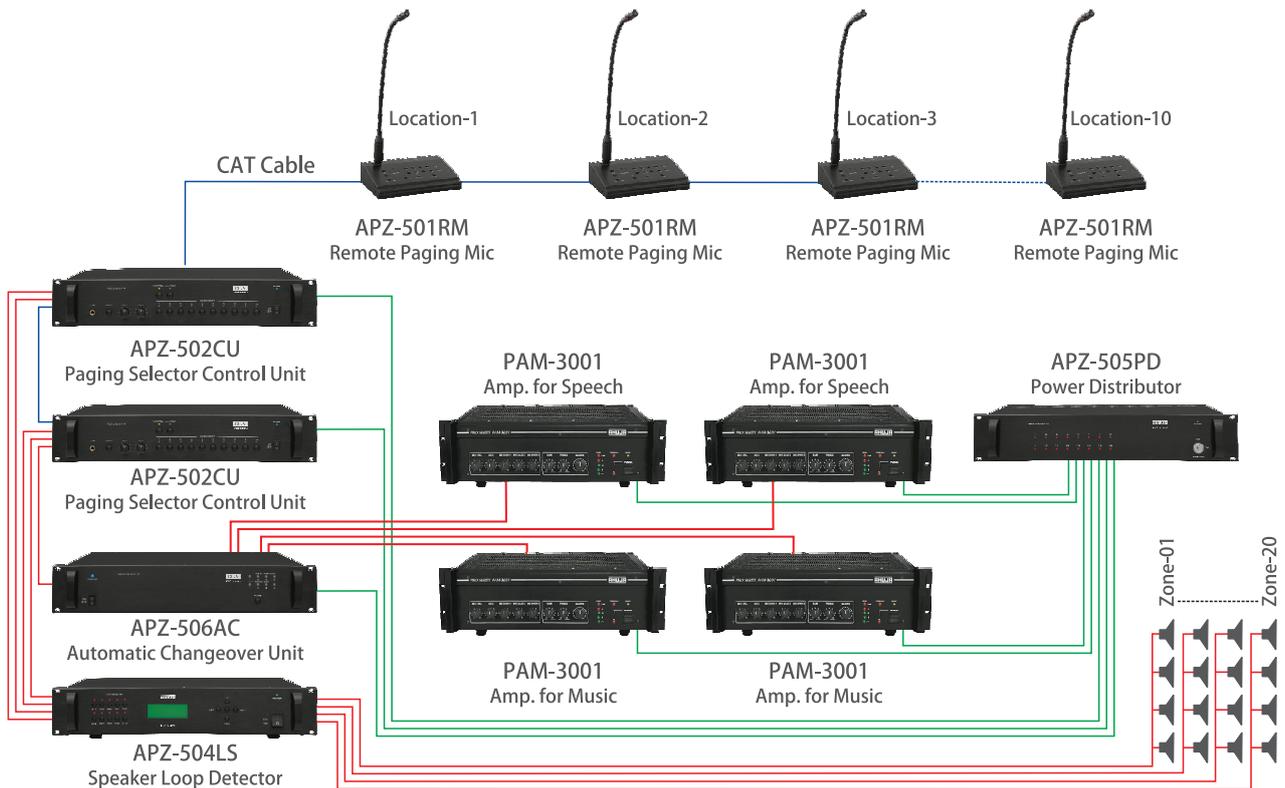### 6 ZONE SYSTEM — Paging from 1 locations Speech only

Zone 1
Zone 6

APM-201RM
Remote Paging Mic

APM-202CU
Control Unit

PAM-3001
Amp. for Speech

APM SERIES
12 ZONE SYSTEM — Paging from 2 locations Speech and Background Music with Priority

APM-201RM
Remote Paging Mic

APM-201RM
Remote Paging Mic

APM-202CU
Control Unit

PAM-3001
Amp. for Speech

PAM-3001
Amp. for Music

Zone 7
Zone 12

APM-202CU
Control Unit

Zone 1
Zone 6

APZ SERIES

Location-1
Location-2
Location-3
Location-10

CAT Cable

APZ-501RM
Remote Paging Mic

APZ-501RM
Remote Paging Mic

APZ-501RM
Remote Paging Mic

APZ-501RM
Remote Paging Mic

APZ-502CU
Paging Selector Control Unit

PAM-3001
Amp. for Speech

PAM-3001
Amp. for Speech

APZ-505PD
Power Distributor

APZ-502CU
Paging Selector Control Unit

APZ-506AC
Automatic Changeover Unit

PAM-3001
Amp. for Music

PAM-3001
Amp. for Music

APZ-504LS
Speaker Loop Detector

Zone-01
Zone-20

ACM-88
Paging Microphone

- Rugged, highly reliable gooseneck microphone for all single zone paging applications.
- Fitted with two robust, long life switches: one lockable type, and one for momentary operation.
- Fitted with a flexible 12" (30cm) gooseneck and a high quality unidirectional dynamic cartridge.
- Supplied with 6 mtrs. twin core shielded low noise cable with Ø 6.3mm (¼") phone plug.

SPECIFICATIONS	
Frequency Response	50-15,000Hz
Sensitivity	2.5mV/Pa
Impedance	600Ω

ACM-66
ACM-66CH
with Multi Tone Chime

- High quality, heavy duty paging microphone available with or without chime function.
- Ideal for use in Paging applications and for open conferencing.
- Strong, robust and stable base incorporates separate push swithces for momentary and locked use.
- The microphone can be used free standing or wall mounted.
- A strong flexible 10" (25cm) gooseneck is securely fixed to the aluminium die-cast base.
- Model ACM-66CH comes with a multi tone electronic chime and operates on 2 × 1.5V (UM-3) pencil cells
- LED indication and long battery life. Facility to set desired chime sound level. Supplied with 6 mtrs. twin core shielded low noise cable with Ø 6.3mm (¼") phone plug.

SPECIFICATIONS	
Frequency Response	50-15,000Hz
Sensitivity	2.5mV/Pa
Impedance	600Ω

AHUJA RADIOS
215, Okhla Industrial Estate, New Delhi-110 020, India
Tel: +91-11-26831549/41612474 Fax: +91-11-26847287/41616563
E-mail: marketing@ahujaradios.com

www.ahujaradios.com

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