V-ROBOTICS INNOVATIONS PVT LTD

Maker Village, Kinfra Hi-Tech Park

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For more information, contact: Satheesh C, CEO
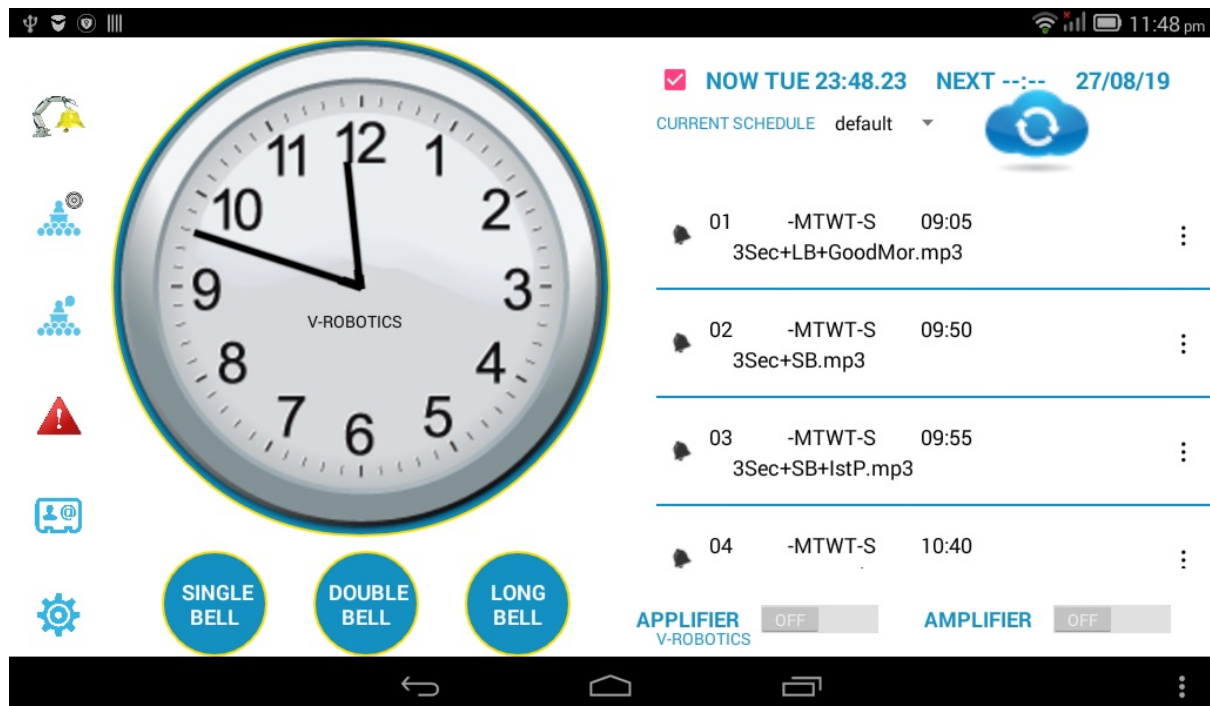
+91-9142910050, www.vrobotics.in

Robotic Bell Ultimate (RBU2022)

USER INTERFACE

Description
Fully automated programmable bell ringing and addressable class room speaker-answer back system.

Applications
Best suited for Schools, Colleges, Offices, Public Places , Industries, Factories, Military, Malls, Hospitals , Government Departments, NGOs etc.

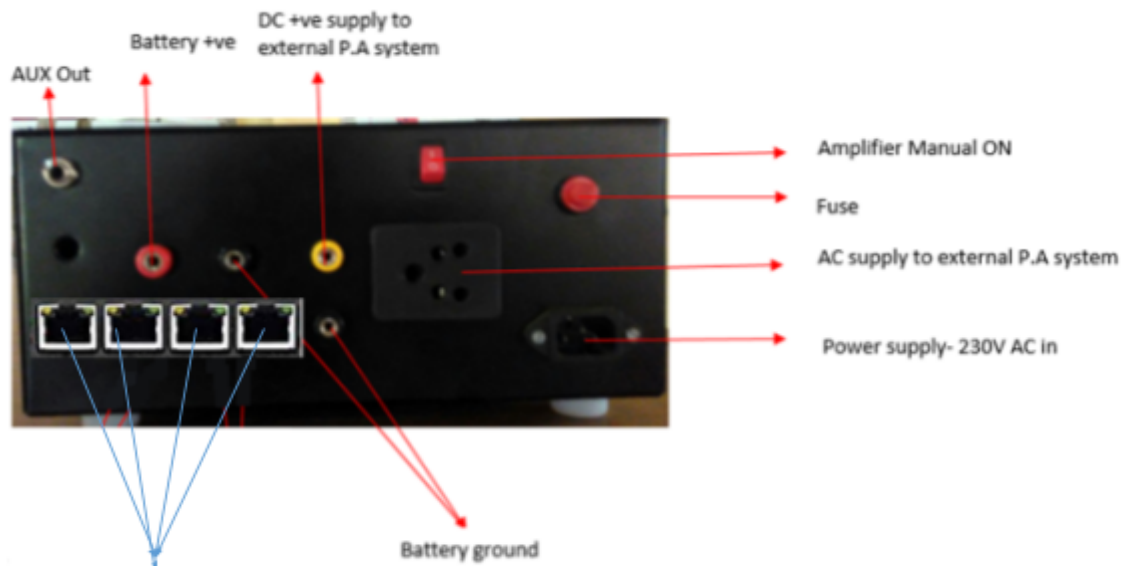| Features |
|---|
| - India's first fully automated programmable bell ringing system with voice announcement |
| - Optional Addressable classroom speaker and answerback system support |
| - PC Suite software for easy schedule preparation |
| - Cloud sync to download ring schedule |
| - Online troubleshooting and bell ringing |
| - Emergency Alerts |
| - Optional In-built UPS |
| - Optional In-built Power amplifier |
| - Optional in-built internal speaker |
| - Protection to amplifier from lightning through isolated phase and neutral |

Specifications	
Input Voltage	180VAC – 280VAC, 47 to 63 Hz
Power Consumption	3-10 Watt(depends upon charging)
Output AC	230VAC
Output DC	12VDC
AUX Out	Audio output to external P.A system
Optional Power amplifier Watt	20W+20W
Optional Battery backup	12V/7Ah SLA
Battery backup duration	6 hour(may vary depends upon power amplifier usage)
Maximum external P.A system watts connectable to internal battery backup(12V/7Ah)	12V/100 Watts
External P.A system Switching Capacity	30 Amps/230VAC
Connectivity	Wi-Fi
Video output	HDMI
Display Size	15 inch
User interfacing	Wireless Mouse
RAM	2GB

FLASH Memory	16 GB
Processor	Quad Core 1.2GHz
Unit Weight	6 Kg
Size	Length 31cm x Width 27cm x Height 12cm
Operating Temperature	0-40 °C

Front Panel

Back Panel with answerback

Labels (clockwise from top-left): AUX Out, Battery +ve, DC +ve supply to external P.A system, Amplifier Manual ON, Fuse, AC supply to external P.A system, Power supply- 230V AC in, Battery ground

Back Panel with Power Amplifier

Labels: AUX Out, Battery +ve, DC +ve supply to external P.A system, Amplifier Manual ON, Fuse, AC supply to external P.A system, Power supply- 230V AC in, Amplifier out L, Amplifier out R, Battery ground
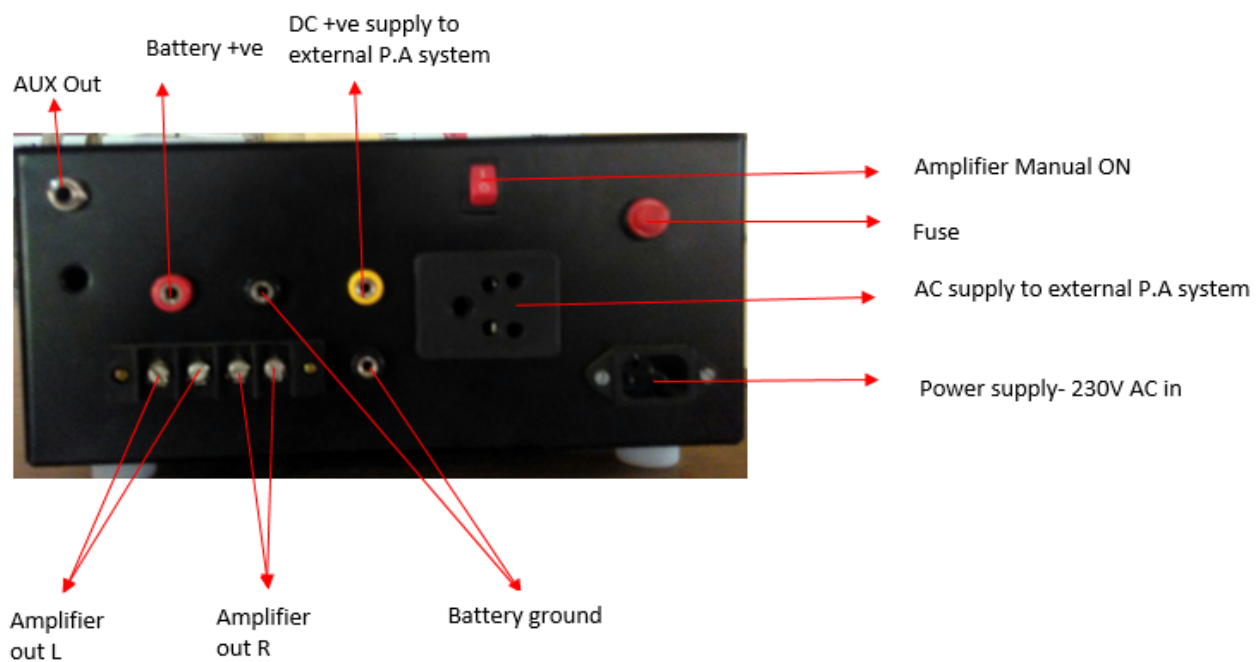
Addressable Classroom Speakers with answerback
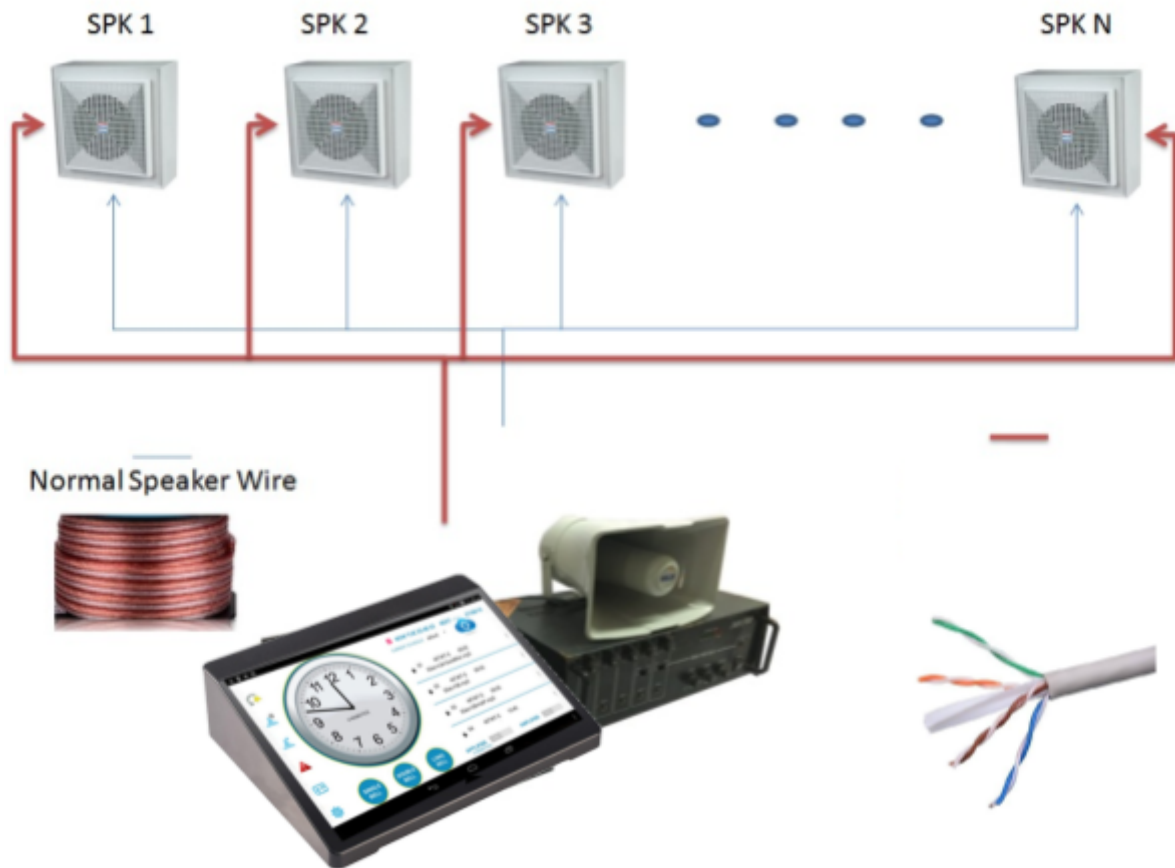
Addressable classroom speaker system with answer back can be implemented in existing any existing public address system,but an additional wiring of CAT6 cable in daisychain model is needed extra(non daisy model for 1 or 2 speakers will also work) and a small module inside or outside every speaker. Upto 25 speakers in a sigle channel canbe connected. There are four channels available in the robotic bell, so that a total of 100 speakers. More channel can be added if necessary. Additional power boost may be needed if total channel length goes beyond 300 mtrs.