



Elevator Chime Arrival Data Sheet

Model Name: **EM-6A** Rev.A1

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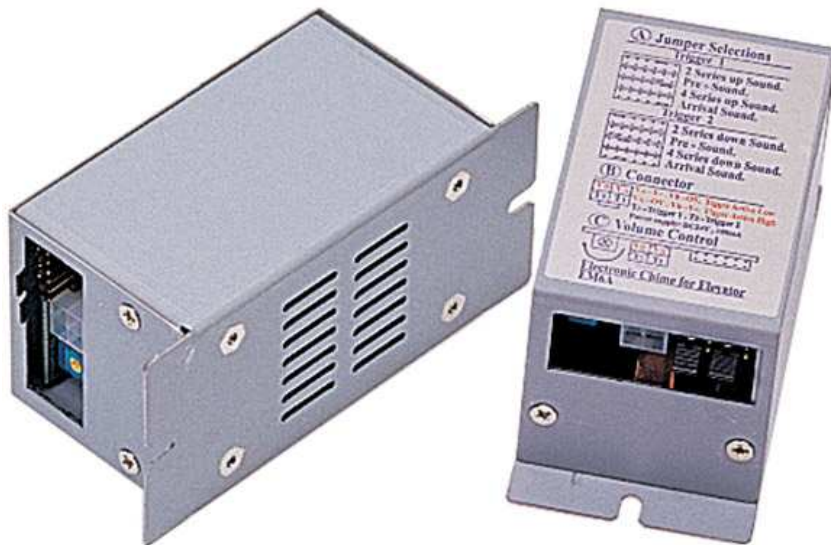
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Introduction

EM-6A built in melodious ring tones is designed for elevator chime arrivals. For its mini-size, it can be configured to halls and vary with arrival light signals. Built in melodies are available for selections.

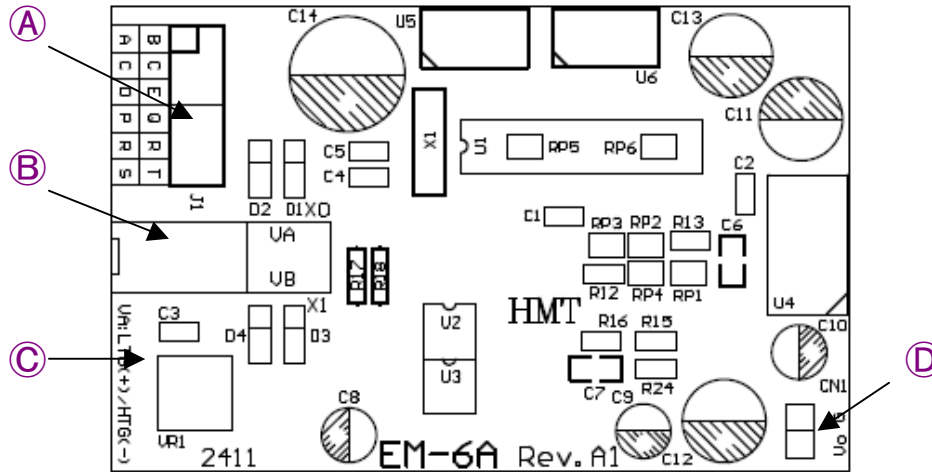
Function / Specification / Electronic Feature

Voltage Supply	DC 12 – 24 V / 180mA (DC-DC)
Input trigger pins number	2
Input trigger level	Active LOW / HIGH
Ring tone selection	6 types
Amplifier Output	1 Watt, Ro = 4 ohm
Built-in loudspeaker	1W, 4 ohm
Consumption (Audio Output)	150mA at DC 24 Vin
Trigger Inputs De-bounce Time	80ms at least
Watch Dog Function	Yes
Reverse Side Voltage Protection	Yes
PVS Function	Yes
Temperature for Operation	0°C - 70°C
Volume Control	Yes / Max. 80 db
Metal Box	Yes

























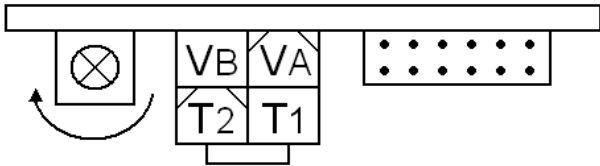
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PCB Diagram



Jumpers & Connectors Description

A	<p>Jumpers for ring tone selections :</p> <table border="1" data-bbox="288 1055 1366 1368"> <thead> <tr> <th data-bbox="288 1055 810 1115">Trigger 1</th> <th data-bbox="810 1055 1366 1115">Trigger 2</th> </tr> </thead> <tbody> <tr> <td data-bbox="288 1115 810 1176">  2 Series up Sound </td> <td data-bbox="810 1115 1366 1176">  2 Series down Sound </td> </tr> <tr> <td data-bbox="288 1176 810 1236">  Pre - Sound </td> <td data-bbox="810 1176 1366 1236">  Pre - Sound </td> </tr> <tr> <td data-bbox="288 1236 810 1296">  4 Series up Sound </td> <td data-bbox="810 1236 1366 1296">  4 Series down Sound </td> </tr> <tr> <td data-bbox="288 1296 810 1368">  Arrival Sound </td> <td data-bbox="810 1296 1366 1368">  Arrival Sound </td> </tr> </tbody> </table>		Trigger 1	Trigger 2	 2 Series up Sound	 2 Series down Sound	 Pre - Sound	 Pre - Sound	 4 Series up Sound	 4 Series down Sound	 Arrival Sound	 Arrival Sound
Trigger 1	Trigger 2											
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B	<table border="1" data-bbox="183 1406 347 1563"> <tr> <td>VB</td> <td>VA</td> </tr> <tr> <td>T2</td> <td>T1</td> </tr> </table> <p>VA→V+. VB→0V. Low trigger VA→0V. VB→V+. High trigger T1→Trigger 1 . T2→Trigger 2</p>	VB	VA	T2	T1	C						
VB	VA											
T2	T1											
D	<p>Volume Turner</p>  <p>Connection for amplifier audio output to a loudspeaker</p>											

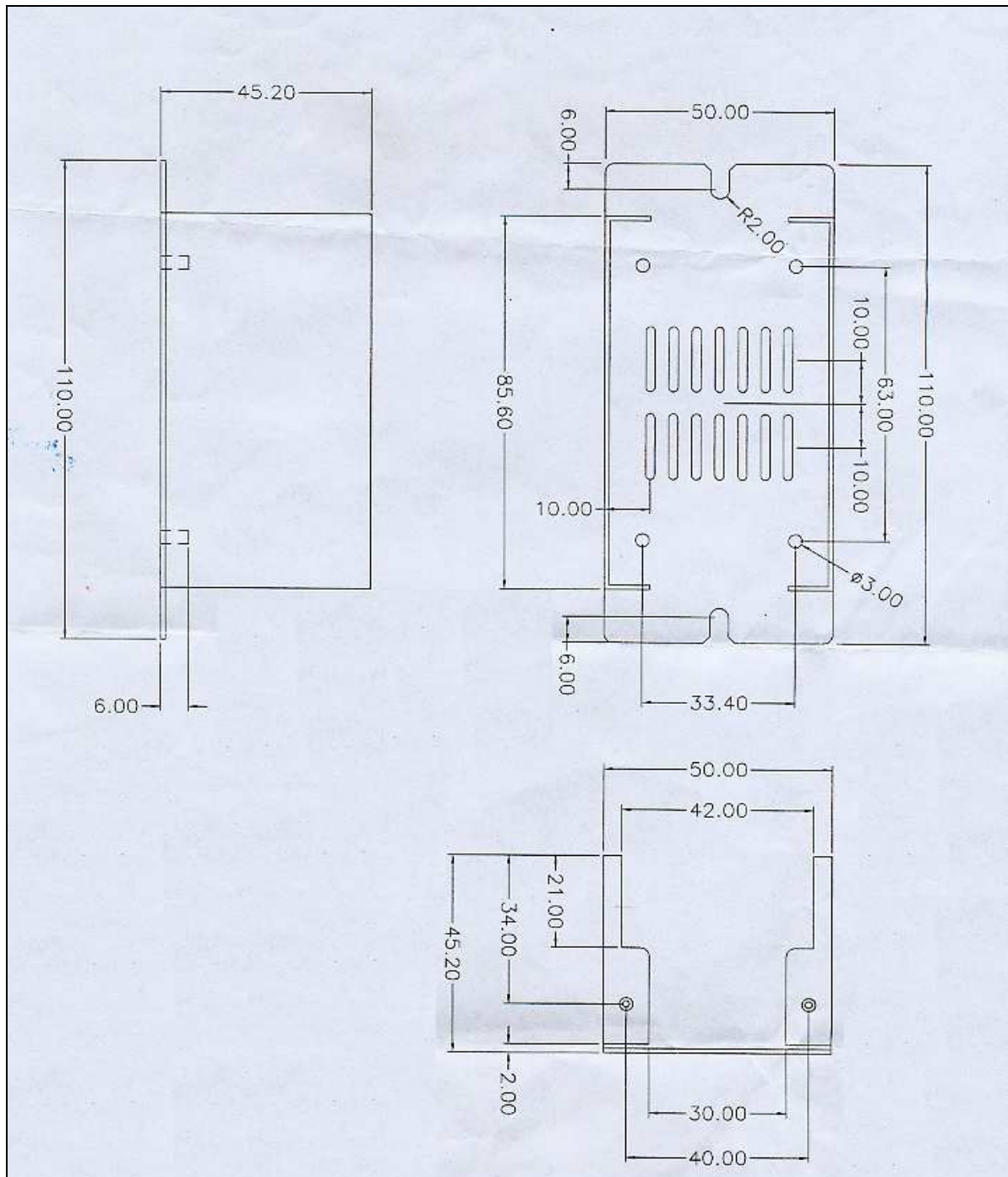
Operation Note

Have EM-6A module power supply and input trigger connections done. When the power is on, the module will sound out, "Beep! Beep!" It means the hardware is done and ready to receive the input signals for performance. If no sounds come out, please check whether the power supply and volume are correctly connected or not.

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Metal Box Dimension Diagram



Accessories:

Power supply & Input trigger wires x 1