

CUSTOMER: \_\_\_\_\_

CUSTOMERS MODEL: \_\_\_\_\_

MODEL: EM-045L-A

## Signature of Approval

# EM-045L(A)

## 1. Basic specifications

Items	Specifications
Product type	Digital audio system and USB/SD MP3/WMA/WAV available .the max. supported storage size of the medium (Stick)max. size : 64G. <input type="checkbox"/> FAT16/FAT32 PS. We do not guarantee that all kinds of USB/SD are available.
Product No.	EM-045L(A)
Supply voltage	DC 12V (10~14V)
INPUT	USB port for memory stick. SD/MMC card slot
Power consumption	Within 2W

## 2. Electrical performance

\* Addition: regarding items 2,3use 20KHz low-pass filter.

Regarding item 4 use 20KHz low-pass filter and IHF-A curve filter

Items	Condition	Specifications
1. Output level	1KHz 0dB	Power on 500mV±2 dB vol max 800mV±2 dB
2. Playback Frequency response (using 1KHz 0dB as reference)	20 Hz 100Hz 19KHz	±3dB ±1.5dB ±1.5dB
3. THD	1KHz	Playback Less than 0.3%
4. S/N ration	1KHz	More than 65dB
5.MP3/WMA Bit Rate		Decoder:32kbps~320kbps
6.WAV Bit Rate		PCM Single track 128kbps~768kbps

		PCM double track 256kbps~1536kbps IMA-ADPCM Single track 32kbps~192kbps IMA-ADPCM double track 64kbps~384kbps
7. Operating Temperature		0°~+40°
8. Operating Humidity		25%~85% No Condensation
9. Storage Temperature		-40°~70°
10. Storage Humidity		0%~90% No Condensation

### 3. Function explanation

Keys	Explanation	Panel	Remote
PLAY/PAUSE	When this key is pushed during USB/SD stop, play will start after track search. When this key is pushed during USB/SD is playing, then it is changed to pause. When this key is pushed during USB/SD is pausing, then it is changed to play.	√	√
	In stop mode: Change the starting play track (file) during stop mode, cyclic to the first track, if it is in the last track. In play mode, pause mode, random play mode: Single pressed, skip the playing track (file) to next track (file) for normal play/pause mode, to next random track (file) for random play /pause mode. Continue pressed, fast forward during play/pause when pressed more than 2sec.	√	√
	In stop mode: Change the starting play track (file) during stop mode, cyclic to the last track, if it is in the first track. In play mode, pause mode. Single pressed, skip the playing track (file) to previous track (file) for normal play/pause mode. Continue pressed, fast reverse during play/pause when pressed more than 2sec.	√	√
 MODE	When the set is in ON state, pressing this key will change mode between USB and SD. Pressing this key over 3 seconds will power off the set. When the set is in OFF state, pressing this key will power on the set.	√	
POWER	POWER of set.		√
STOP	When in PLAY/PAUSE mode, pressing stop key the player will stop and shows TOC.		√
MODE	When press this key shortly, the set will change the mode between USB, CARD and FM.		

			√
+10	Pressing this key will change the file to the present file plus ten.		√

RANDOM	When pressing this key, it will play tracks randomly. When pressing the key again, the mode will be cancelled.		√
REPEAT	[repeat] mode is changed cyclically shown below REPEAT 1 REPEAT FOLDER REPEAT ALL REPEAT OFF	√	√
MUTE	Player will mute when pressing this key. When pressing the key again, the mute mode will be cancelled.		√
FOLDER UP	In stop mode: Skip the starting play folder to next folder during stop mode, cyclic to the first folder if it is in the last folder. In program entry mode: Change the file for program select to next folder's first file, cyclic to the first folder if it is in the last folder. In normal play mode: Skip the playing file to the next folder's first file.		√
FOLDER DOWN	In stop mode: Skip the starting play folder to previous folder during stop mode, cyclic to the last folder if it is in the first folder. In program entry mode: Change the file for program select to previous folder's first file, cyclic to the last folder if it is in the first folder. In normal play mode: Skip the playing file to the previous folder's first file.		√
VOL -	Long press this key, the volume will decrease.		√
VOL +	Long press this key, the volume will increase.		√
0~9	You can use these keys to select the track you want directly.		√

# EM-045L(A)



FRONT

# EM-045L(A) REMOTE HANDSET

UNIT: mm

