

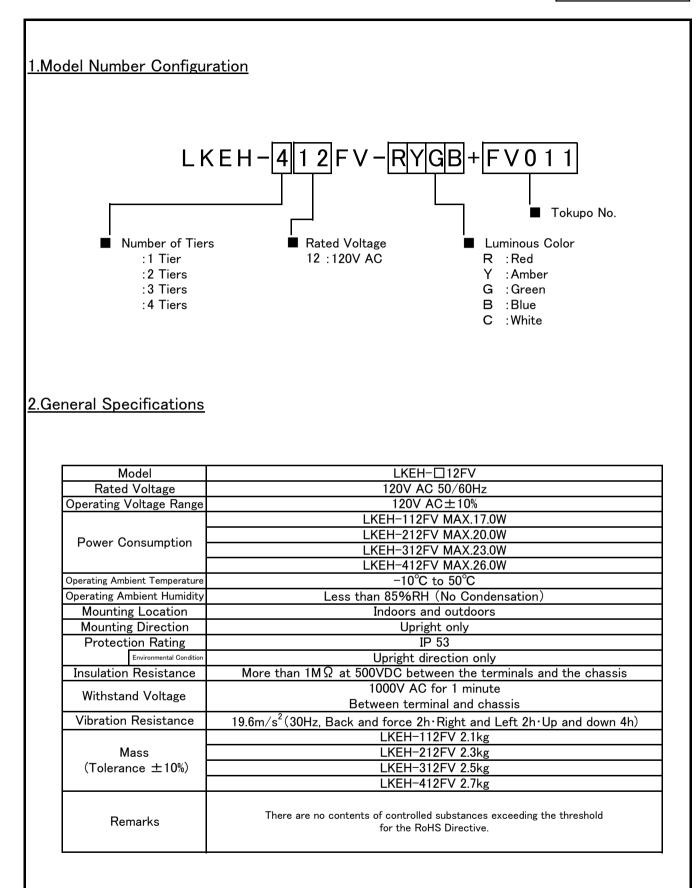
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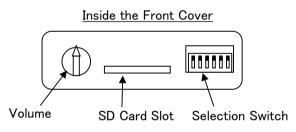


3.Performance Specifications

Sound Pressure Level	MAX. 105dB(Adjustable Volume)				
Environmental Condition	Product was placed on a 300mm ² base at a distance of 1 meter from its epicenter and a sine wave of 1kHz was played back * The sound level will vary upon the message and surrounding environment.				
Sound Reduction	20dB \pm 2dB (At maximum volume and playback of a 1kHz sine wave)				
Light Unit Source	LED				
Luminous Intensity	Red(R):2100mcd or more Amber(Y):2400mcd or more Green(G):5200mcd or more Blue(B):700mcd or more White(C):5500mcd or more				
Flashing Rate	60 fps ±3				
Output wires	BUSY+、BUSY-(ON during voice playback)				
Input Interface	Signal Wires: 14 (LED: 5 Wires/Sound: 5 Wires/STOP/Sound Reduction/Flashing Common/Common) Selection Switch, SD Card Slot				
Signal Input	Bit Input/Binary Input (Selectable)				
Input Pulse Width	Pulse input width 100ms or more				
Number of Playback Messages	Bit Input: 5 Channels / Binary Input: 31Channels				
Channel Priority	STOP>CH5>CH4>CH3>CH2>CH1 (Only bit input)				
Internal Memory Size	504kbyte (Total MP3 Data)/Maximum playback time of 63 sec. (At standard bit rate)				
Audio File	MPEG1 Audio Layer III (MP3)				
Memory Card	SD card Recommendation: SDV-2GP(Sold separately)				
SD Card Format	FAT16				
Start-up Time	Power Start-up: 500ms or less / Signal Wire Input Delay: 300ms or less (Refer to sect. 3-3)				

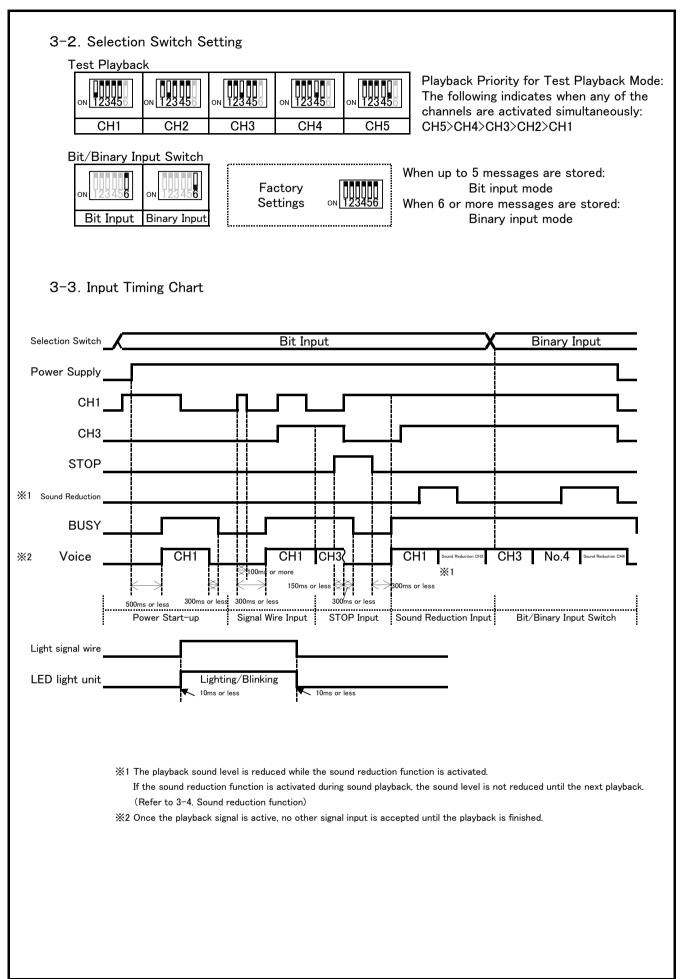
3-1. Setup Method

The settings for this product can be accessed from the front panel while in its installed condition. The following diagram indicates the accessable functions:



- Sound Volume Adjustment It is possible to adjust the sound by the volume control.
- •Message Rewriting It is possible to use the SD Card to rewrite messages.
- Selection Switch
 - It is possible to switch between the 'Test' and 'Input' modes.





3-4. Sound Reduction Function

When the common wire and the sound reduction signal wire are short-circuited, a sound pressure level at voice playing is lowered.

The messege can be configured by maximum 16 phrases per 1 channel.

The sound level can be reduced by each phrase with the sound reduction function. [Example]

	Phrase 1	Phrase 2	Phrase 3	Phrase 4
CH1	Machine	failure,	call	assistance.
CH2	Machine	failure,	call assistance.	
CH3	Machine failure, call assistance.			

Sound Reduction					
CH1					
Voice	Machine	failure,	call	assistance. (sound reduced)	
			· · · ·		
Sound Reduction	1	•	_		
CH2					
Voice	Machine	failure,	call assistance.		
Sound Reduction					
СНЗ					
Voice	Machine failure, call assistance.	Machine failure, call assistance.	Machine failure, call assistance. (Reduced sound)	Machine failure, call assistance.	

3-5. Binary Input Mode Table

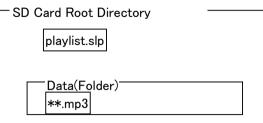
When setting selection switch 6 to the "ON" position, the binary input mode is activated. In the binary input mode, short-circuiting the common wire to each CH from the table indicated below, the corresponding message is played.

CH1	-	ut _{СН3}			Message number	CH1		ut _{СН3}	CH CH4	CH5	Message number
Ο					1	Ο				0	17
	Ο				2		Ο			0	18
Ο	Ο				3	Ο	Ο			0	19
		0			4			Ο		0	20
Ο		Ο			5	Ο		Ο		0	21
	Ο	Ο			6		Ο	Ο		0	22
Ο	0	0			7	Ο	0	Ο		0	23
			0		8				Ο	0	24
Ο			0		9	Ο			0	0	25
	О		О		10		О		Ο	0	26
0	О		0		11	0	0		О	0	27
		0	0		12			0	О	0	28
Ο		О	0		13	0		О	О	0	29
	0	0	0		14		0	0	0	0	30
0	Ο	Ο	0		15	Ο	Ο	0	0	0	31
				0	16						

O Indicates a short-circuit between the signal wire and common wire.

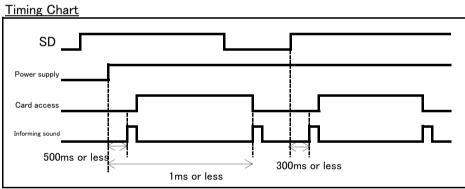
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- 3-6. Message Rewriting
 - 1. Prepare the SD card as shown below:



*The 'playlist.slp' file is generated from the PATLITE playlist editor software.

- 2. Verify the power to the product is applied.
- 3. Insert the SD card with the stored data into the card slot.
- 4. The rewriting starts when a short beep is heard.
- 5. When the data has finished rewriting, and a long beep is heard, pull the SD card out. Rewriting should be finished within 60 seconds. If there is a continuous beep, or there is no sound, the rewriting procedure was not properly completed. Ensure the volume is at an audible level, or the beeping alarms will not be heard during the rewriting procedure.
- 6. Play the message to each CH to verify that the rewriting has been properly completed.



* All inputs are ignored during the SD card rewriting procedure.

* In addition, the SD Card will not be read while signal inputs are activated.

