

# Panasonic

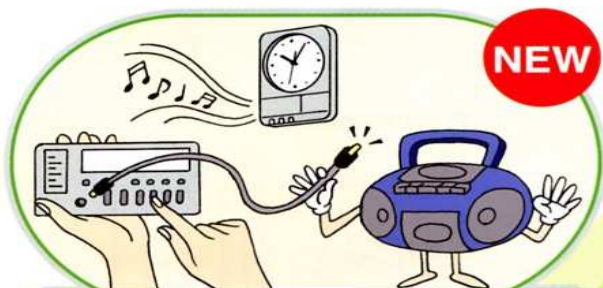
## ideas for life

Office Clock (Bell Timer with recording function)

# Melody Week

TD736 (110VAC)/TD738 (220VAC)/TD739 (240VAC)

You can record your favorite melodies or announcements to meet various needs.



### Function 1

Recording of up to four of your favorite melodies (such as school song) or announcements is possible as new function. If with Audio appliance equipped with headphone output, recording is possible. (Also recording from microphone is possible)

\*Please prepare a suitable recording cable.

### Function 2

Detachable program unit allows easy programming or recording.

### Function 3

One of four preset melodies and four recorded favorite melodies or announcements can be sounded at programmed time.



One external speaker can be added without an amplifier.

### Function 4

Many external speakers can be sounded by an amplifier inputted the melody signal output.



### Function 5

It is possible to sound melody at main unit and bell at separate place.



### Function 6

For example, the Ding-Dong tones can be sounded at the arrival of visitors. Also, recorded message can be sounded.



### Function 7

In-house broadcasting is possible by using a microphone.



Bell, buzzer, chime, recorded melody or announcement can be sounded automatically at programmed time everyday!

Cool white finish suits any interior décor.



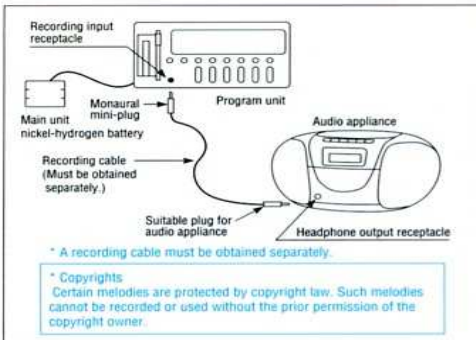
### Recommended Place

Office, factory, school, meeting place and store etc.

## ■ Features

### 1. Recording function New function

Recording of up to four of your favorite melodies or announcements is possible (total time: approx. 14 minutes).



### 2. Four preset melodies.

Bells of Westminster Abbey, Largo from Dvorak's Symphony No. 9, Amaryllis and Ding-Dong are already preset.

### 3. The same melody or announcement can be repeated. New function

### 4. Program unit can be detached from the main unit.

This is handy for easily setting program, changing programs or recording.

### 5. Two independent control output channels are available.

### 6. Melody signal output.

Many external speakers can be sounded by an external amplifier inputted the melody signal output.

### 7. One external speaker can be added without an amplifier.

\* Speaker must have an impedance of 8 Ω and a power rating of at least 3 W.

### 8. Arrival sound of visitors is possible.

For example, the Ding-Dang tones can be sounded at the arrival of visitors by using external interrupt input.

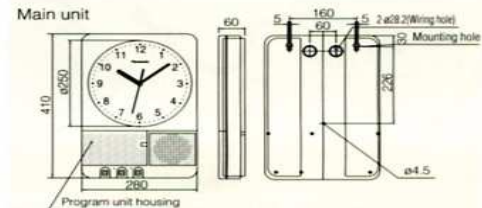
### 9. In-house broadcasting is possible by using a microphone.

### 10. Setting of holidays for an entire year is possible.



## ■ Dimensions

(unit: mm)



Wood screws for mounting the main unit are included.

## ■ Specifications

Model	TD736	TD738	TD739
Rated voltage and frequency	110V AC ±10%, 50/60Hz	220V AC ±10%, 50/60Hz	240V AC ±10%, 50/60Hz
Drive system	Electronic (analog clock is step motor driven)		
Rated power consumption	Approx. 10 W (20 W max. during melody output)		
Time accuracy	Quartz oscillator: within ±5 seconds/month (at 25°C average)		
Power failure back-up	Nickel-hydrogen battery		
Power failure back-up time	Over 800 hours (digital and analog clock only, all other functions off)		
Operating time of program unit when detached	Over 30 hours (for playback/recording/editing: over 72 minutes if connected to main unit nickel-hydrogen battery)		
Analog clock	Time indication: 3-hand type (synchronized with digital clock)		
	Time setting: Using hand adjustment control (manual) and analog clock adjustment switch		
Digital clock	Time/Date display: Digital display of year (last two digits), month, day, hours, minutes and seconds (24 hour system).		
Control output	Number of channels: Two channels (independent)		
	Channel configuration: Separate channels		
	Contact configuration: No-voltage a contact output (—○—) (no voltage is applied to terminal)		
Control capacity	Resistive load: 250VAC, 5A		
	Amplifier load (maximum power consumption): 300 W (power consumption at rated output during power supply direct control)		
Program setting	Program cycle: Weekly		
	Melody selection: Selectable from 8 melodies (assignable for each program)		
	Melody repeat count: 1 to 9 times (assignable for each program)		
	Output time: 1 to 59 seconds, 1 to 59 minutes or 1 to 24 hours (assignable for each program)		
	Minimum setting interval: One minute		
	Maximum number of programs: 120 programs (for each channel)		
	Maximum number of holiday settings per year: 366 days (for leap years, 1-time execution or execution every year can be selected for each day)		
	External amplifier early power-up time: -10 seconds (assignable for each channel)		
Melody signal	Number of melodies: Total of 8 melodies, 4 recording melodies (maximum) and 4 preset melodies		
	Melody recording time: Up to 4 melodies (melody nos. 5 to 8), total time approximately 14 minutes		
	Recording/Playback system: 16-bit PCM, 16 kHz sampling frequency		
	Recording/Playback functions: Melody recording/playback/editing and melody level adjustment		
	Recording input: Suitable plug: Monaural mini-plug (ø3.5)		

Model	TD736	TD738	TD739		
Melody output	Built-in speaker	Rated output	3W		
		Sound pressure level	90 dB (1 m) (preset melody)		
		Volume adjustment	Adjustable using volume control		
	External speaker output	Program unit built-in speaker	Rated output	0.075W	
			Rated output	3 W (preset melody)	
			Load impedance	8 Ω(1 unit)	
Manual operation	Melody signal output <sup>1</sup>	Volume adjustment	Adjustable using volume control		
		Wiring length	Less than 50 m (2mm <sup>2</sup> minimum twist pair wire) Less than 30 m (1.25mm <sup>2</sup> minimum twist pair wire)		
		Maximum level	0 dB variable (load impedance 600 Ω or more, unbalanced)		
		Amplifier input	-20 dB ±10 dB, 600 Ω or more, unbalanced		
External interrupt input (channel 2 only)	Control channel	Wiring length	Less than 10 m (more than 0.3 mm <sup>2</sup> minimum shielded wire)		
		Control system	Channel 1 and Channel 2 (independent)		
		Melody selection	Control output and melody output (can be set for either or both)		
Microphone input	Start input	Melody selection	Selection using push-button on main unit, or select "OFF"		
		Melody repeat count	No-voltage contact input		
		Input level	Control output ("ON" during interrupt input) and melody output (can be set for either or both)		
Case specifications	Volume adjustment	Melody selection	Selection using push-button on main unit, or select "OFF"		
		Microphone type	1 to 9 times		
		Microphone plug type	-66 dB (unbalanced, 600 Ω)		
Weight	Microphone volume control	Microphone type	Adjustable using volume control		
		Microphone plug type	Microphone with switch		
		Microphone plug type	2-pole large single-pin plug (ø6.3)		
		Case specifications	Main unit: Resin, Cool white		
		Weight	Main unit: Approximately 3.5 kg		

\* Monaural mini plug (ø3.5) is included.

Note 1. Life time of the nickel-hydrogen battery is approx. 5 years, so we recommend replacing this battery before 5 years of use. (Model no.: TD73602457)

Note 2. The amplifier must be selected to suit the usage environment, so be sure to consult with the amplifier manufacturer and provide the melody signal output specifications.

Please contact

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