

RM-VS10TV

SERVICE MANUAL

US Model

Ver 1.0 2000. 06



TRANSMITTER
TMR-IF10M



REMOTE COMMANDER
RM-VS10

- **RM-VS10TV is composed of the following models.**
As for the service manual it is issued for each component model,
then please refer to it.

COMPONENT MODEL NAME FOR RM-VS10TV

TRANSMITTER	TMR-IF10M
REMOTE COMMANDER	RM-VS10

SPECIFICATIONS

General

Modulation system	Frequency modulation
Carrier frequency	2.3 MHz (monaural)

Transmitter TMR-IF10M

Power source	DC IN 9 V jack accepts power supplied from the AC power adaptor for use on 120 V AC, 60 Hz voltage.
Input	Internal microphone or phone jack/stereo mini jack
Signal connection range	Maximum: 7 m* (23 ft.) (when the Commander is facing directly toward the transmitter)
Dimensions	130 × 38 × 70 mm (5 1/8 × 1 1/2 × 2 7/8 in.) (w × h × d)
Mass	Approx. 100 g (4 oz.)

Remote Commander RM-VS10

Power source	Four size AA (R6) batteries (not supplied)/ external DC 4.5 V power sources (AC power adaptor not supplied)
Maximum speaker output	0.8 W
Battery life (for 5 mW speaker output usage)	Approx. 20 hours (using Sony battery R6) Approx. 60 hours (using Sony alkaline battery LR6)
Remote control operation distance	Approx. 7 m* (23 ft.) (when facing directly toward the infrared receptor of your TV/analog cable box)
Dimensions	93 × 86 × 158 mm (3 3/4 × 3 1/2 × 6 1/4 in.) (w × h × d)
Mass	Approx. 355 g (13 oz.) (including batteries)

Supplied accessories

AC power adaptor (for the transmitter) (AC-S904) (1)
Connecting cords (stereo mini plug × 1 ↔ pin plug × 2) (1)

* The distance may vary depending on using conditions and the manufacturer and equipment that is used.

Design and specifications are subject to change without notice.

• PARTS LIST

Ref. No.	Part No.	Description	Remark
ACCESSORIES & PACKING MATERIALS *****			
△	1-418-993-11	ADAPTOR, AC (AC-S904) (for TMR-IF10M)	
	1-559-906-32	CORD, CONNECTION (for AUDIO) (1m) (for TMR-IF10M)	
	3-220-956-11	MANUAL, INSTRUCTION (ENGLISH,FRENCH)	

The components identified by mark △ or dotted line with mark △ are critical for safety.
Replace only with part number specified.

SPEAKER REMOTE COMMANDER SYSTEM

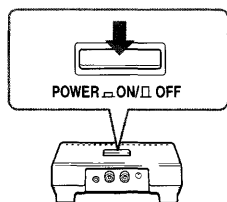
SONY®

• GENERAL

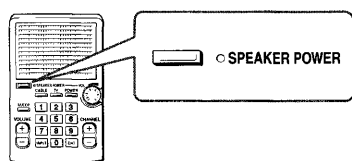
► Operations

Operating a component

- 1 Turn on the transmitter. The infrared emitters light up.



- 2 Turn on the power of the speaker.



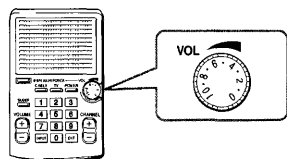
- 3 Press the button of the desired component on the Commander (TV or CABLE).



- 4 Point the Commander directly at the component.

- 5 Press the button for the function you want to use.
See "Remote button descriptions" for a complete description of the buttons on the Commander.

- 6 Adjust the volume of the speaker of the Commander.



Notes on using the Commander

Basically, use this Commander in the same way as the remote control supplied with your TV or analog cable box.

- Using this Commander will not add additional functions to your TV or analog cable box. The functions of the Commander are limited to the functions of the equipment itself. For example, if your TV does not have a SLEEP function, the SLEEP button on this Commander will not function with your TV.
- Some functions of your TV or analog cable box may not work with this Commander.
- If your analog cable box can control volume, be sure to set its volume switch to a medium position. If the volume on the analog cable box is turned down completely, you will not be able to adjust your TV's volume with the Commander.

Notes on adjusting the volume

When connecting to the LINE OUT jack

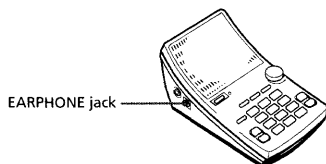
- Use the VOL control on the Commander to adjust the speaker volume.
- If noise increases when the Commander goes outside the range where the infrared rays reach or when the infrared rays are obstructed, the mute function operates automatically, and the sound from the speaker cannot be heard. The mute function is canceled automatically when the Commander moves closer to the transmitter or there is no obstruction to the infrared rays.

When using the microphone or connecting to the headphone jack

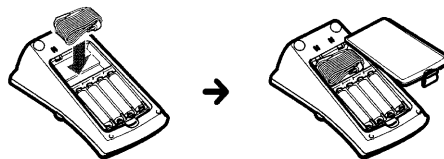
If you cannot get the desired speaker volume even if you increase the speaker volume to the maximum using the VOL control of the Commander, turn up the volume on the television.

Listening to through an earphone (not supplied)

Connect an earphone (not supplied) to the EARPHONE jack on the Commander.



You can store your earphone in the battery compartment on the bottom of the Commander when not in use.



When the Commander is not in use

First turn off the SPEAKER POWER switch on the Commander and then turn off the POWER switch of the transmitter. Noise may be heard if the power of the transmitter is turned off first.

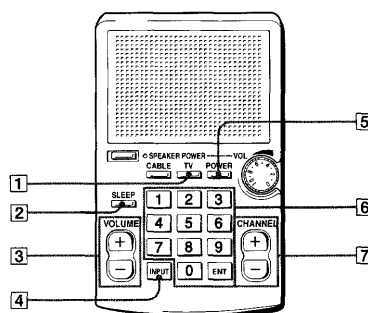
Note

The power of the speaker turns off automatically after three hours to prevent excessive power consumption.

Press the SPEAKER POWER switch again if the power is turned off while you are watching TV. (The remote control functions can be used even if the power of the speaker is turned off.)

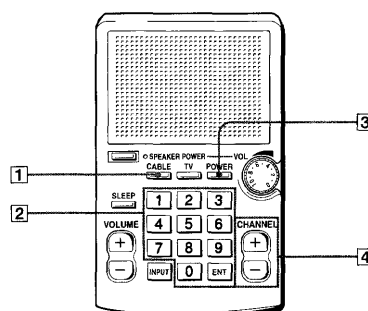
Remote button descriptions

Operating a TV



- 1 Press before operating the TV.
- 2 To operate SLEEP function on the TV. (Works only for a TV with the SLEEP function.)
- 3 TV volume up: +
TV volume down: -
- 4 To change the input mode.
- 5 To turn on and off the power.
- 6 To change the channel. For example, to change to channel 5, press 0 and 5 (or, press 5 and ENT).
- 7 Channel up: +
Channel down: -

Operating an analog cable box



- 1 Press before operating the analog cable box.
- 2 To change the channel. For example, to change to channel 5, press 0 and 5 (or, press 5 and ENT).
- 3 To turn on and off the power.
- 4 Channel up: +
Channel down: -

Notes

- There may be cases in which you may turn on/off the analog cable box by pressing the CHANNEL + or CHANNEL - buttons on the Commander.
- If your analog cable box can control volume, be sure to set its volume control to a medium position. If the volume on the analog cable box is turned down completely, you will not be able to adjust your TV's volume with the Commander.