# FURUNO OPERATOR'S MANUAL

# PICTURE RECORDER

MODEL MT-12



# ©FURUNO ELECTRIC CO., LTD.

9-52, Ashihara-cho, Nishinomiya, Japan 662

Telephone: 0798-65-2111

Telefax: 0798-65-4200

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-Your Local Agent/Dealer

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(TATA)



# **SAFETY INSTRUCTIONS**

# Safety Instructions for the Operator

# **MARNING**



### Do not open the equipment.

Hazardous voltage which can cause electrical shock, burn or serious injury exists inside the equipment. Only qualified personnel should work inside the equipment.

### Do not disassemble or modify the equipment.

Fire, electrical shock or serious injury can result.

Turn off the power immediately if water leaks into the equipment or the equipment is emitting smoke or fire.

Continued use of the equipment can cause fire or electrical shock.

Do not place liquid-filled containers on the top of the equipment.

Fire or electrical shock can result if a liquid spills into the equipment.

Do not operate the equipment with wet hands.

Electrical shock can result.

### Keep heater away from equipment.

Heat can alter equipment shape and melt the power cord, which can cause fire or electrical shock.

# **⚠** CAUTION

Do not use the equipment for other than its intended purpose.

Personal injury can result if the equipment is used as a chair or stepping stool, for example.

Do not place objects on the top of the equipment.

The equipment can overheat or personal injury can result if the object falls.

### 

1. Function

Record and playback of Video Signal on the FURUNO's Color Video Sounders and voice information on ship's position, date, time, weather, fish catch etc. through the microphone.

2. Recording System

4-track 2-channel stereo

Single Frequency Color Video Sounder

\*Right: Video signal and keying pulse

\*Left: Voice information

Dual Frequency Color Video Sounder

\*Right: Video Signal and keying pulse of one

channel

\*Left : • Video signal and keying pulse of the

other channel on dual frequency mode

Voice information

3. Mounting

Portable or Table Top Mounting

4. Power Supply

Fed from the Color Video Sounder

5. Equipment List

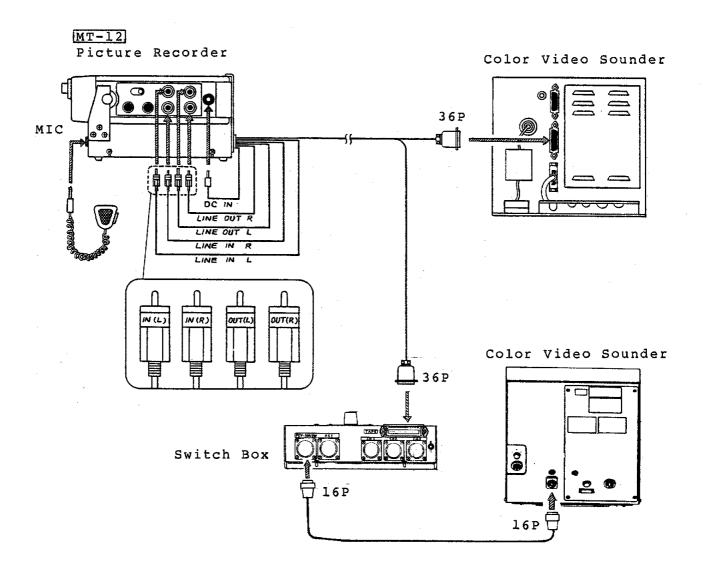
Item	Name	Code No.	Size (mm)	WT(kg)	Q'ty	Remarks
1	Picture Recorder	SAP-172-201	230Wx83Hx161D	2.4	1	MT-12
2	Microphone	000-580-047	60Wx126Hx42D	0.5	1	DF-43B
3	Cassette Tape	000–589–401			2	CHF-90 (90 min.)
4	Picture Recorder Operator's Manual	OME-226-80A			1	for MT-12
5	Cassette Corder Instruction Manual				1	for TC-D5M

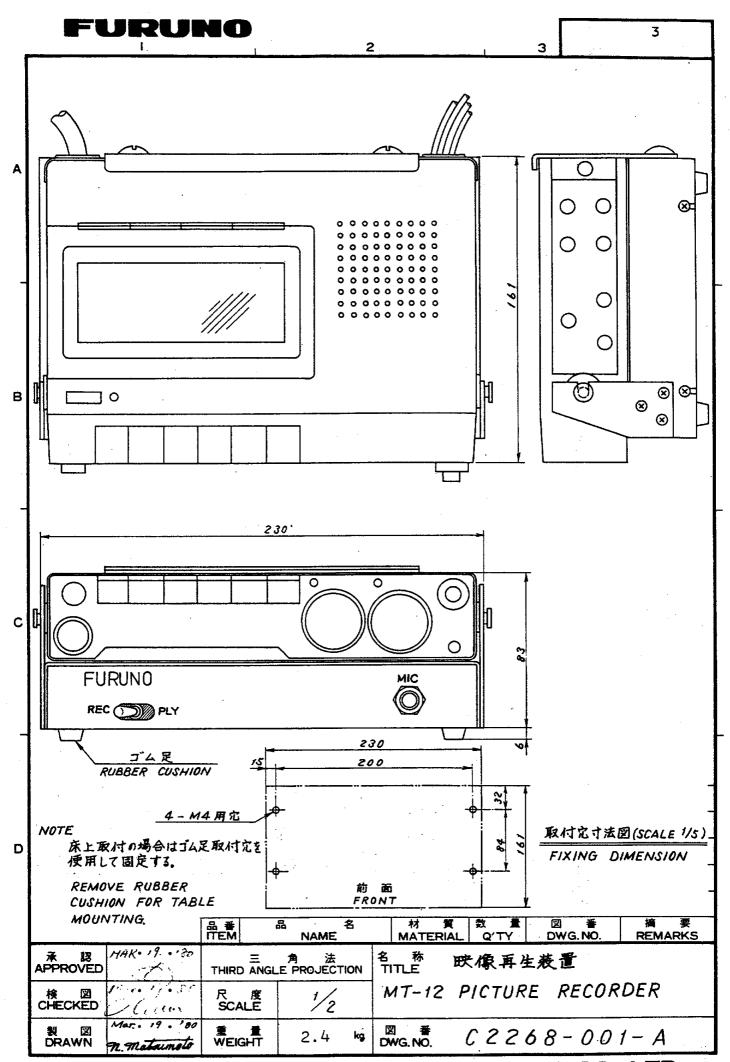


# GENERAL NOTES

- 1. Prior to cable connection and operation, read separate instruction manual for Cassette Corder TC-D5M throughly to familiarize with its operation.
- 2. Do not place the Picture Recorder within 50cm from the Color Video Sounder.
- 3. Unless this unit is used, maintain the REC-PLY switch on the Picture Recorder at the REC position or disconnect the 36P plug from the Color Video Sounder.

### 1. Interconnection





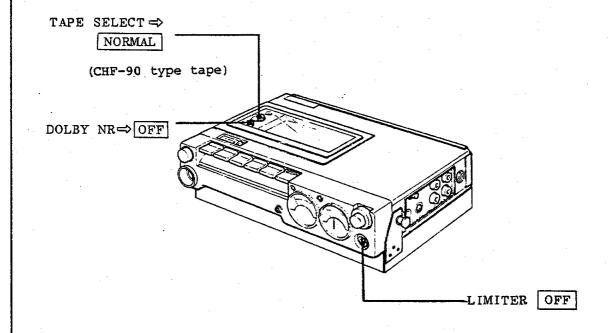


### 2. Operation

### ----Precaution-

- 1. It is recommend to use the SONY CHF-90 type cassette tape for high quality recording. For other types, set the TAPE SELECT switch to the appropriate position.

  Refer to page 6 of the instruction manual for TC-D5M Cassette Corder.
- 2. Set the following switches on the Cassette Corder as below.



### FURUNO

### (1). Recording Procedure

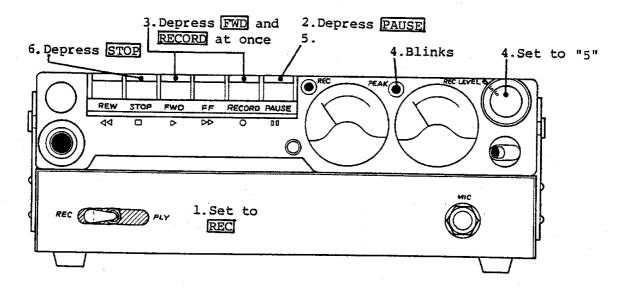


Fig. 2 Recording Procedure

- 1. Set the REC-PLY switch to the REC position.
- 2. Depress the PAUSE button.
- 3. Depress the FWD and RECORD buttons at the same time.
- 4. Turn the REC LEVEL control clockwise until the PEAK indicator blinks. Normal setting is the position "5".

  Also confirm that the PEAK indicator blinks when speaking into the microphone with the press-to-talk switch depressed.
- 5. Depress the PAUSE button again, and recording will begin.
- 6. Depress the press-to-talk switch and speak into the microphone for recording of voice information.
- 7. Depress the STOP button to cease recording.
- Note: 1. Depress the PAUSE button for momentary stop of recording.
  - 2. The FWD and RECORD buttons are autmatically released at the end of the tape.
  - 3. If necessary, break out the small tabs at the rear of the cassette to prevent accidental erasure of video signal and voice information.



### (2). Playback

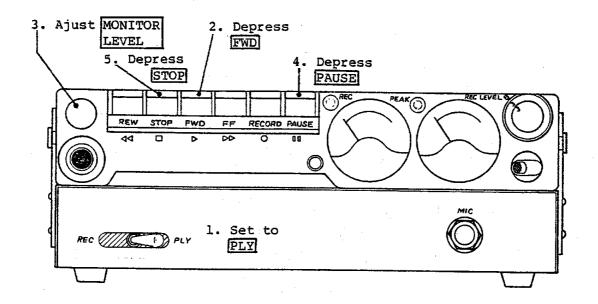


Fig. 3 Playback Procedure

1. Set the REC-PLY switch to the position PLY, and the Color Video Sounder is ready for playing-back video signal and voice information.

Note: To display stored information on the FCV-200/201 Color Video Sounders, also set the CHANNEL selector of the EX-6 switch box to "TAPE" position.

- 2. Depress the FWD button, and stored video signal starts to be displayed on the CRT screen sweep by sweep with voice information being heard from the speaker.
- 3. Adjust the MONITOR LEVEL for optimum volume of voice information.
- 4. For momentary suspension of playback, depress the PAUSE button. Depress the PAUSE button once more for restarting the operation.
- 5. To cease playback, depress the STOP button.
- 6. Then set the REC-PLY switch to the position REC.

Note: The FWD button is released automatically at the end of the tape.



### REVISION RECORD OF OPERATOR'S/INSTALLATION MANUAL

MODEL: MT-12 PUBLICATION NO.: OME-22680-X

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