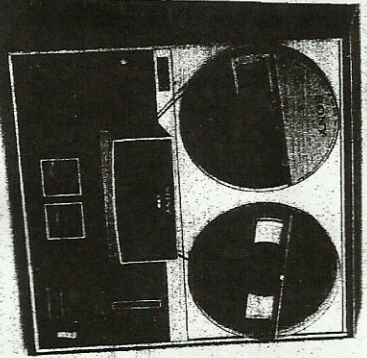


TC-366

General Export Model



ISO
Set using ISO screws

SPECIFICATIONS

Power Requirements:	AC 90/60 Hz, 100V, 110V, 117V, 128V, 220V and 240V, 20W
Track System:	Four-track stereo and mono
Reel Size:	7" (18 cm) maximum
Tape Speed:	7 1/2 ips, 3 3/4 ips and 1 1/2 ips (19 cm/s, 9.5 cm/s and 4.8 cm/s)
Recording Time:	4-track stereo 4-track mono
(with 1,800 ft. tapel)	7 1/2 ips (19 cm/s) 1.5 hrs 3 hrs 6 hrs
	3 3/4 ips (9.5 cm/s) 1.5 hrs 3 hrs 6 hrs
	1 1/2 ips (4.8 cm/s) 6 hrs 12 hrs
Frequency Response:	20-25,000 Hz at 3 3/4 ips (9.5 cm/s)
	30-17,000 Hz at 7 1/2 ips (19 cm/s)
	30-9,000 Hz at 1 1/2 ips (4.8 cm/s)
Signal-to-Noise Ratio:	52 dB or better (at peak level recording)
Filter and Wow:	0.09% at 7 1/2 ips (19 cm/s)
	0.12% at 3 3/4 ips (9.5 cm/s)
	0.17% at 1 1/2 ips (4.8 cm/s)
Recording Bias Frequency:	Approx. 160 kHz
Input:	Two MIC inputs
	Impedance: 600 Ω
	Maximum sensitivity: -72 dB (0.19 mV)
	Two AUX inputs
	Impedance: Approx. 100 kΩ
	Maximum sensitivity: -22 dB (0.06 V)

SONY
SERVICE MANUAL

TC-366

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1. GENERAL DESCRIPTION

The SONY Model TC-366 which is the one-motor, three-head stereo deck type tape recorder equips with the following features:

Tape Tension Regulator

The machine can operate always under the stable tape running by the tape tension regulator which quickly responds to the stable change of tape tension, so that the tape tension regulator can reduce the wow and flutter extremely.

Automatic Shut-off Mechanism

When threading the tape, the shut-off lever is held by the threaded tape in operating position. If tape runs out or breaks, the shut-off lever swings outward and activates the automatic shut-off mechanism. As a result, the function selector knob can return to the STOP position without setting it manually.

Note: When threading the tape, make certain that there is no slack in the threaded tape, otherwise the function selector knob will not be set at the desired position.

2. BLOCK DIAGRAM

