MEASUREMENTS AND ADJUSTMENTS

ADJUSTMENT INSTRUCTION

READ CAREFULI	READ CAREFULLY BEFORE ATTEMPTING ADJUSTMENT
 Set volume control to maximum. 	Output of signal generator should be no higher than necessary to
2. Set band switch to AM or FM ST.	obtain an output reading.
Set selector switch to radio.	6. Make sure head are clean.
4. Set power source voltage to 3 V DC.	Make sure capstan and pinch roller are clean.
TUNER SECTION	

AM ADJUSTMENT

		(5)	4	(3)	2	3						
FM AL	(*1) C	×	Σ	×	Š		2			BAND		
FM ALIGNMENT	ement antenna bobbin wit	*	*	*	*		nna of the receiver.	Fashion a loop of several turns of wire and radiate the sign-		CONNECTIONS	SIGNAL GENERATOR or SWEEP GENERATOR	
	(+1) Cement antenna bobbin with wax after completing alignment	1,500 kHz	550 kHz	1650kHz[E] 1635kHz[EJ]	511 kHz… [E] 516kHz… [EJ]		!	459kHz 30% Mod. at 400 Hz		FREQUENCY	ATOR or RATOR	
	ignment.		Tune to signal.	Tuning capacitor fully open.	Tuning capacitor fully closed.	AM-RF ALIGNMENT	Point of non- interference. (on/kHz) about 600 kHz)		AM-IF ALIGNMENT	RADIO DIAL SETTING		
		"	"	"	"	ENT	(Refer to Fig. 3)	Headphones Jack 20 Ω	NT	INDICATOR (ELECTRONICS VOLTMETER or SCOPE)		
		(+1) L1 (AM ANT Coil) CT1 (AM ANT Trimmer)		CT4 (AM OSC Trimmer)	L4 (AM OSC Coil)		T1 (AM IFT)			ADJUSTMENT		
		Adjust for maximum output. Repeat steps (2)~(5).	Adjust for maximum output. Adjust L1 by moving coil bobbin along ferrite core.	"	Adjust for maximum output.			Adjust for maximum output.			REMARKS	

M ALIGNMENT

• TAPE DECK SECTION

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Tape speed	Azimuth	ITEM		
QZZCWAT (3kHz, -10 dB)	QZZCFM (8kHz, -20dB)	INPUT		
snown in Fig. 3 and trent connect the lead wires of the plug to the measuring (instrument	Headphones Jack Azimuth 20 \Q adjustme screw (Refer to	MEASUREMENT POINT		
VR2 (Refer to Fig. 1)	Azimuth adjustment screw (Refer to Fig.2)	MEASUREMENT ADJUSTMENT POINT POINT		
Playback the central part of the tape and adjust VR2 so that the tape speed is as follows. 3000±60Hz (Forward & Reverse)	Adjust the azimuth adjustment screw during repeated forward and reverse playback to obtain adjustment the maximum head azimuth allgnment with both channels equal. (Refer to Fig. 2) Then screw-lock the adjustment in place.	PROCEDURE		