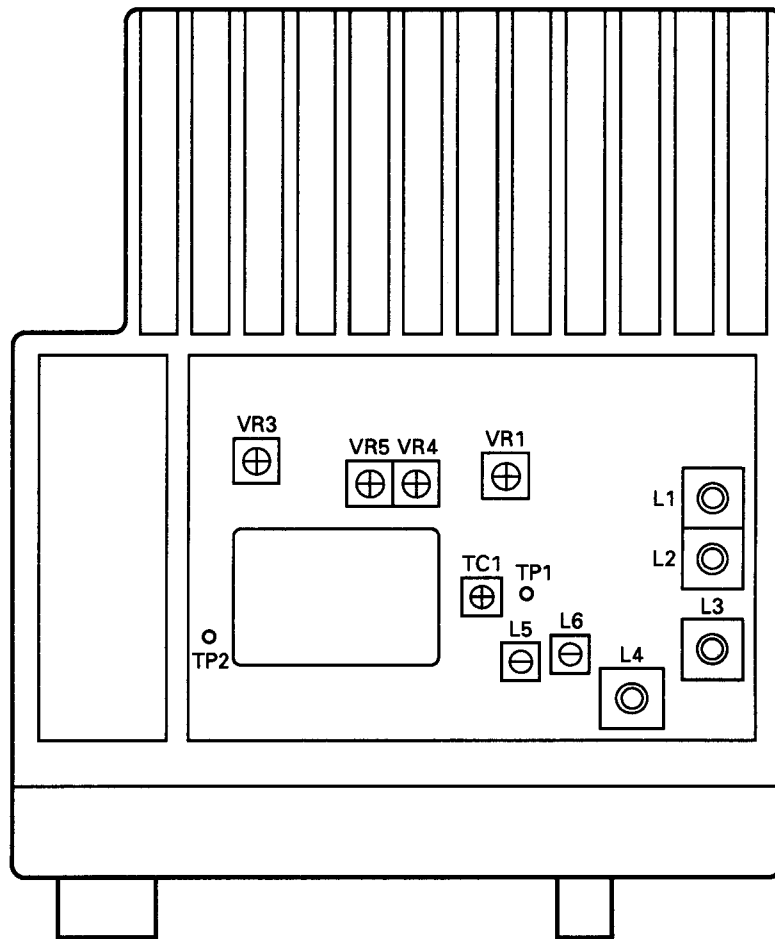


ADJUSTMENT

Adjustment Points (Top View)



TX-RX UNIT (X57-369X-XX)

VR1 : S-meter

VR3 : $\pm 4.4\text{kHz}$ at 1kHz, 28mV (E,E2,E9,EM)

VR3 : $\pm 4.4\text{kHz}$ at 1kHz, 50mV (K,P,X,M,M2,M3,K2,P2)

VR4 : APC

VR5 : MIC POWER

L1~5 : BPF

L6 : Distortion

TC1 : TX frequency

TERMINAL FUNCTION

CN No.	Pin No.	Name	Function	CN No.	Pin No.	Name	Function
TX-RX UNIT (X57-369X-XX) (A/2)							
CN1	1	E	GND.	CN202	1	E	GND.
	2	SP	Speaker input.		2	B	+13.8V.
CN2	1	BZ2	GND.		3	PSW	Power switch control output (From CPU).
	2	E	GND.		4	SB	Switched B.
	3	VI	Voice memory input.		5	8C	Common +8V.
	4	VO	Voice memory output.		6	BZ	Beep output (From CPU).
	5	VOA	Power supply for voice memory.		7	A2	Audio output (To electronic volume from AF VOL).
CN3	1	E	GND.		8	A1	Audio input (To AF VOL).
	2	NC			9	AE	GND.
	3	ES1	Shift register (IC5) enable.		10	TO	Tone output (From IC203).
	4	NC			11	ME	MIC GND.
	5	EP1	PLL enable.		12	MIC	Mic output (From mic jack).
	6	CK	PLL clock.		13	E	GND.
	7	DT	PLL data.				
	8	DET	CTCSS detector output.	CN203	1	CK	Serial clock output (From CPU P21).
	9	RD	Audio output.		2	DT	Serial data output (From CPU P22).
	10	SC	Squelch busy control output.		3	VCK	DRS unit connect check.
	11	SQ	Squelch output.		4	GND	GND.
	12	SM	S-meter output.		5	D8	DRS unit data.
	13	E	GND.		6	D1	DRS unit data.
					7	D2	DRS unit data.
					8	D4	DRS unit data.
CN4	1	E	GND.	CN204	1	DST	
	2	B	+13.8V.		2	C5	Common +5V.
	3	PSW	Power switch control input.		3	DV	DTMF signal detector.
	4	SB	Switched B.		4	VOB	DRS unit VOB output.
	5	8C	Common +8V.		5	VOA	DRS unit VOA output.
	6	BZ	Beep input (To AF IC from CPU).		6	RD	DRS unit RD output.
	7	A2	Audio input (To electronic volume from AF VOL).		7	WR	DRS unit WR output.
	8	A1	Audio output (To AF VOL).		8	ACL	DRS unit RESET output (ACL).
	9	AE	GND.		9	STBY	DRS unit STBY output.
	10	TO	Tone input.		10	OE	DRS OE, DTSS EN.
	11	ME	MIC GND.	CN205	1	DT	LCD driver data output.
	12	MIC	Mic input (To MIC AMP unit).		2	CK	LCD driver clock output.
	13	E	GND.		3	CE	LCD driver enable output.
					4	C5	+5V.
					5	E	GND.
					6	FC	Function control.
					7	NC	
					8	F.LAMP	Function lamp B.
					9	LAMP	Lamp B.
				W201	1	GND	GND.
					2	RD	CTCSS unit voice de-modulation input.
					3	C5	Common +5V.
					4	DET	CTCSS unit tone matching input.
					5	CTC	CTCSS unit clock output.
					6	CTD	CTCSS unit data output.
					7	CTS	CTCSS unit enable output.
TX-RX UNIT (X57-369X-XX) (B/2)							
CN201	1	E	GND.				
	2	NC					
	3	ES1	Shift register enable (From CPU IC201).				
	4	NC					
	5	EP1	PLL enable (From CPU IC201).				
	6	CK	PLL clock (From CPU IC201).				
	7	DT	PLL data (From CPU IC201).				
	8	DET	CTCSS detector output.				
	9	RD	Audio input (CPU IC201).				
	10	SC	Squelch busy control input (To CPU IC201).				
	11	SQ	Squelch input (To CPU IC201).				
	12	SM	S-meter input (To CPU IC201).				
	13	E	GND.				