

INTERFACE CONNECTIONS for TuneMatic

Rev 3/31/21

color      STANDARD FULL INTERFACE      LEGACY TUNE IN AM      UNDER DEVELOPMENT

MAKE	MODEL	INTERFACE	RIG CONNECTIONS	connector types	NOTES	Tuner support
ICOM	IC706(All)/IC746*1	ICOM IC-1	Tuner port	4 pin molex		AH-4
"	IC7000/7100/7610	" "	"	"		AH-4
"	IC7200/7300	" "	"	"		AH-4
	Any model with AH-4 port	" "	"	"		AH-4
"	IC705	ICOM IC-2	3.5/12v switched RTTY	3.5mm/12v sw.	ALC on RING, PTT on TIP	
"	IC746*1/7700/7800/7851	ICOM IC-3	ACC2	7 pin DIN	2=gnd 3=PTT 7=12v	
KENWOOD	TS480(all)/TS590/TS680/TS990	KENWOOD KEN1	RS232 port/ATU port	D fem./ MLX female	serial data- TxTune-set rig to 9600	AT300
"	TS2000/TS450/TS570/TS690	KEN TS2000	pin 13 din PTT/ ATU port	13 pin DIN/ MLX	AM mode	AT300
"	TS505		mic jack PTT only	mic /MLX	AM mode?	
YAESU	FT857/FT897	YAESU Y1	TUN/LIN and acc jack- sets ALC & PTT	3.5mm plug & 8 pin mini DIN	ALC control/CW tune via ACC jack	
"	FT891/FT991	YAESU Y1	TUN/LIN and acc jack- sets ALC & PTT	3.5mm plug & 8 pin mini DIN	Set menu item 143 to LAMP	
"	FT747/FT757/FT767/FT840/890 /	YAESU LEG-1	2 RCA plugs	2 male RCA	AM mode	FC-20
"	FT847*1/FT950/FTDX1200*1/FTDX3000*1	YAESU LEG-2	PTT RCA and miniDin 12v	8pin miniDIN & RCA	AM mode pin1=12v pin3=gnd & RCA=PTT	
"	FT-990	YAESU LEG-3	8pin DIN only	7/8 pin DIN	PTT=6 12v=7 GND=8	
"	FT100/FT450/FT847*1/FTDX1200*1/FTDX3000*1	YAESU LEG-4	8p Mini DIN 1=12v,3=gnd and RTTY pin 3 PTT	PS/2 male & 8 pin mini-DIN	AM mode	
ELECRAFT	KX2/KX3	ELECRAFT E-1	ACC1/ACC2/12v	2.5mm/3.5mm	set GPIO pin to ON	
"	K3/K3s/K4	ELECRAFT E-2	RS232 and 12v RCA	D fem/RCA male	set baud rate to 9600	
FLEX	6000 series *NOTE 2	FLEX-1	USB and RCA PTT	USB /RCA 12v	switch 5v to turn on 12v	5v switches 12v
"	3000,5000 series	FLEX-2	9pin D male/RCA	9D male, RCA fem, use M-M	Pin1,5=gnd pin8=12v	RCA is PTT
TEN TEC	EAGLE 599	TENTEC T-1	RCA/8pin DIN	7/8 pin DIN/ RCA	rca 12v p3= ptt case=gnd	
"	OMNI-D	YAESU LEG-1	2 RCA plugs	2 male RCA	AM mode	use Yaesu LEG-1
XEIGU	G90	XEIGU X1	8 pin MINI DIN/12v	8v switches 12v	AM mode	

NOTES: \*1- will work with multiple legacy interfaces.

\*2- The FLEX 5000 will work with either FLEX-1 or FLEX-2 interfaces