Selectone

ST-139   APPLICATION NOTE   # 1425

FOR USE WITH : Midland Model 70-335

CONNECTIONS

Note	Pin #	ST-xxx Function	Wire Color	Host Radio Connection
	3	*(+) Supply*	*Red*	**7**
	9	*(-) Supply*	*Black*	**13**
	11	*Hi Pass Filter Input*	*Blue*	**Junction R116 and C133**
	1	*High pass Filter Output*	*Wht/Blu*	**Junction R116 and C132**
2	12	*Tone Input*	*Green*	**3**
3,4,5	13	*Encode Output*	*Wht/Grn*	**6**
	6	*PTT (+)*	*Yellow*	**8**
	10	*PTT (-)*	*Blk/Yel*	**N/C**
	7	*Monitor (+)*	*Brown*	**J502-3**
	8	*Monitor (-)*	*Blk/Brn*	**N/C**
	5	*Decode (-) (- to Mute)*	*Blk/Org*	**N/C**
	2	*Hi Pass Filter Mute*	*Violet*	**N/C**
	4	*Decode (+) (+ to Mute)*	*Wht/Org*	**14**

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Notes:
1. Unless otherwise indicated, the HOST RADIO connections refer to the 14 in line holes normally used for the tone option.
2. JU1 MUST be OPEN.
3. Set R4 to maximum.
4. JU4 MUST be OPEN.
5. Use VR452 in the radio to set the Tx CTCSS Level.
6. Remove JP-5 & R116 in the radio