

## Adjustments and Alignments

### a) Frequency Coverage

Lower Limit  
520 Kc

Adjust  
Core of L<sub>2</sub>

Upper Limit  
1,680 Kc

Adjust  
C<sub>2-2</sub>

### b) Tracking Alignment

Checking Point  
620 Kc  
1,400 Kc

Adjust  
Position of L<sub>1</sub>  
C<sub>1-2</sub>

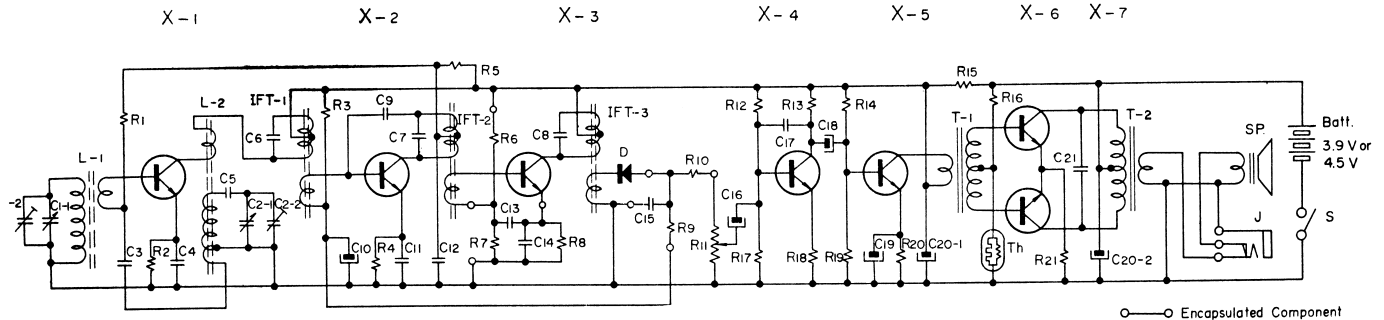
## Encapsulated Components

In this set, encapsulated components which consist of several resistors and capacitors are used.

## Speaker

The speaker is designed as a part of the cabinet, that is, the speaker frame is the cabinet itself. When the speaker is required to be changed, cabinet must be replaced together.

## Schematic Diagram of TR-730



## Electronic Parts List for TR-730

Parts No.	Symbol	Description	Parts No.	Symbol	Description
1-401-108-01	L <sub>1</sub>	Ferrite Bar Antenna	1-201-188-00	R <sub>15</sub>	Composition Resistor 100 Ω 1/10 W ± 10%
1-405-001-	L <sub>2</sub>	Oscillator Coil	1-201-189-00	R <sub>16</sub>	" 2.7 k Ω "
1-403-057-00	IFT <sub>1</sub>	IF Transformer	1-201-158-00	R <sub>17</sub>	" 3.3 k Ω "
1-403-058-00	IFT <sub>2</sub>	"	1-201-186-00	R <sub>18</sub>	" 33 Ω "
1-403-059-00	IFT <sub>3</sub>	"	1-201-135-00	R <sub>19</sub>	" 2.2 k Ω "
1-423-042-	T <sub>1</sub>	Driving Transformer	1-201-187-00	R <sub>20</sub>	" 62 Ω "
1-427-059-	T <sub>2</sub>	Output "	1-201-185-00	R <sub>21</sub>	" 5.1 Ω "
1-502-044	Sp	Speaker	1-151-051-	C <sub>2-1</sub>	Tuning Capacitor
1-507-038-01	J	Earphone Jack		C <sub>2-2</sub>	Trimmer Capacitor
	X <sub>1</sub>	Transistor 2SC73	1-101-021-	C <sub>3</sub>	Capacitor 0.01 μF ±8% Ceramic
	X <sub>2</sub>	" 2SC75	1-101-020-	C <sub>4</sub>	" 0.005 μF " "
	X <sub>3</sub>	" 2SC76	1-103-047-	C <sub>5</sub>	" 130 pF ±50% Styrol
	X <sub>4</sub>	" 2SD65		C <sub>6</sub>	" 150 pF built in IFT <sub>1</sub>
	X <sub>5</sub>	" "		C <sub>7</sub>	" 150 pF built in IFT <sub>2</sub>
	X <sub>6</sub>	" "		C <sub>8</sub>	" 150 pF built in IFT <sub>3</sub>
	X <sub>7</sub>	" "		C <sub>9</sub>	" 1 pF 0.5 pF Ceramic
	D	Diode 1T23G	1-101-045-	C <sub>10</sub>	" 5 μF ±15% 3 V Electrolytic
	Th	Thermistor CS120	1-101-022-	C <sub>11</sub>	" 0.02 μF ±8% Ceramic
1-201-601-00	Batt.	Battery	1-101-021-	C <sub>12</sub>	" 0.01 μF ±8% "
1-528-010-00			1-101-403-	C <sub>13</sub>	0.01 μF (Encapsulated with R <sub>6, 7, 8</sub> )
1-528-011-00			1-101-404-	C <sub>14</sub>	0.01 μF (Encapsulated with R <sub>9, 10</sub> )
1-201-145-00	R <sub>1</sub>	Composition Resistor 10 k Ω 1/10 W ± 10%	1-101-404-	C <sub>15</sub>	0.01 μF (Encapsulated with R <sub>9, 10</sub> )
1-201-201-00	R <sub>2</sub>	15 k Ω "	1-127-901-	C <sub>16</sub>	Capacitor 0.3 μF ±10% 6 V Alox
1-201-211-00	R <sub>3</sub>	75 k Ω 1/10 W ± 5%	1-101-022-	C <sub>17</sub>	0.02 μF ±20% Ceramic
1-201-131-00	R <sub>4</sub>	330 Ω 1/10 W ± 10%	1-119-068-04	C <sub>18</sub>	5 μF ±15% 3 V Electrolytic
1-201-106-00	R <sub>5</sub>	5.6 k Ω "	1-119-068-04	C <sub>19</sub>	5 μF ±15% "
1-101-403-	R <sub>6</sub>	Encapsulated Components 22 k Ω	1-125-105-04	C <sub>20</sub>	50 μF × 2 ±15% 4.5V Electrolytic Block
	R <sub>7</sub>	" " 3.3 k Ω	1-101-021-	C <sub>21</sub>	0.01 μF ±8% Ceramic
	R <sub>8</sub>	" " 330 k Ω			
1-101-404	R <sub>9</sub>	" " 10 k Ω			
	R <sub>10</sub>	" " 330 Ω			
1-221-257-	R <sub>11</sub>	Potentiometer 5 k Ω			
1-201-202-00	R <sub>12</sub>	Composition Resistor 56 k Ω 1/10 W ± 10%			
1-201-135-00	R <sub>13</sub>	2.2 k Ω "			
1-201-166-00	R <sub>14</sub>	27 k Ω "			

