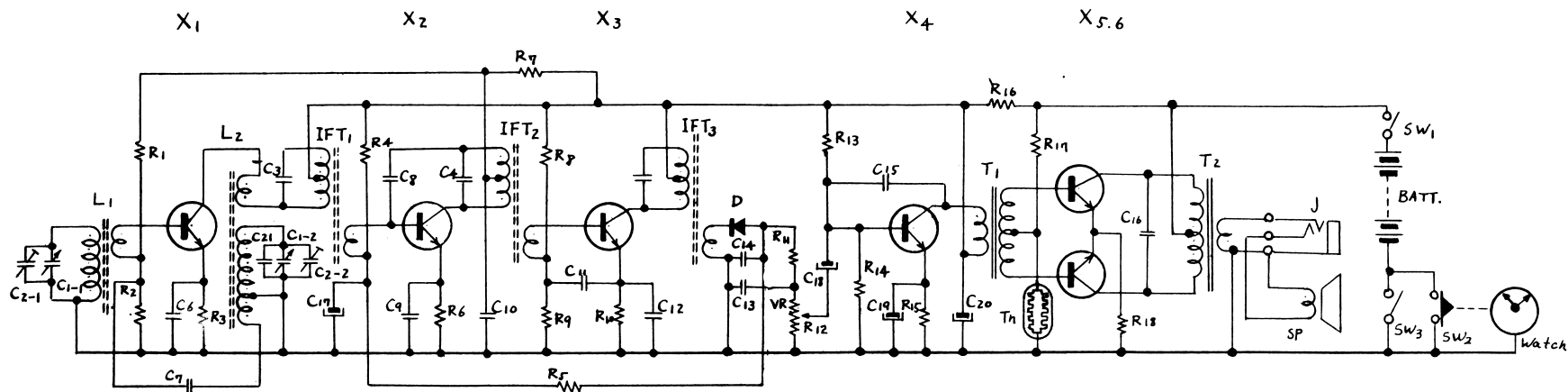


SONY

Schematic Diagram for TR<sub>w</sub>-625

S9a



|              |                  |                       |            |                |                      |              |                 |                             |              |                 |                          |
|--------------|------------------|-----------------------|------------|----------------|----------------------|--------------|-----------------|-----------------------------|--------------|-----------------|--------------------------|
| 1-401-123-00 | L <sub>1</sub>   | Box Antenna Coil      | Transistor | X <sub>1</sub> | 2SC73                | 1-203-427-00 | R <sub>7</sub>  | Carbon Resistor<br>10K ± 5% | 1-101-020-02 | C <sub>6</sub>  | Capacitor<br>0.05 MF     |
| 1-405-059    | L <sub>2</sub>   | OSC Coil              | "          | X <sub>2</sub> | 2SC76                | -635-00      | R <sub>8</sub>  | 51K ±                       | "            | C <sub>7</sub>  | "                        |
| 1-403-057-02 | IFT <sub>1</sub> | IF Transformer        | "          | X <sub>3</sub> | 2SC76                | -424-00      | R <sub>9</sub>  | 3.3K ±                      | 1-101-018-02 | C <sub>8</sub>  | * 1 PF                   |
| -058-02      | IFT <sub>2</sub> | "                     | "          | X <sub>4</sub> | 2SD65                | -420-00      | R <sub>10</sub> | 470 Ω                       | -092-01      | C <sub>9</sub>  | 0.03 MF                  |
| -059-02      | IFT <sub>3</sub> | "                     | "          | X <sub>5</sub> | 2SD65                | -420-00      | R <sub>11</sub> | "                           | -021-01      | C <sub>10</sub> | 0.01 MF                  |
|              |                  |                       | "          | X <sub>6</sub> | 2SD65                | 1-221-109    | R <sub>12</sub> | Volume Control<br>50K       | "            | C <sub>11</sub> | 0.01 MF                  |
|              |                  |                       |            |                |                      | 1-203-428-00 | R <sub>13</sub> | Carbon Resistor<br>50K ± 5% | -021-02      | C <sub>12</sub> | 0.01 MF                  |
| 1-423-021-03 | T <sub>1</sub>   | Driver Transformer    | Diode      | D              | Diode 1N34           | -427-00      | R <sub>14</sub> | 10K ±                       | -081-02      | C <sub>13</sub> | "                        |
| 1-427-025-01 | T <sub>2</sub>   | Output                | Thermistor | Th             | Thermistor<br>CS-120 | -422-00      | R <sub>15</sub> | 1.5K ±                      | -022-01      | C <sub>14</sub> | 0.02 MF                  |
| 1-507-011-00 | J                | Earphone Jack         |            |                |                      | -419-00      | R <sub>16</sub> | 200 Ω                       | 1-103-059-00 | C <sub>15</sub> | Storage<br>100 PF        |
| 1-502-021-02 | SP               | Speaker               |            |                |                      | -438-00      | R <sub>17</sub> | 0.8K ±                      | 1-101-023-01 | C <sub>16</sub> | Resistor<br>0.04 MF      |
| 1-520-006    | Batt             | Battery               |            |                |                      | -418-00      | R <sub>18</sub> | 10 Ω                        | 1-121-103-05 | C <sub>17</sub> | Electrolytic<br>10 MF 2V |
|              |                  |                       |            |                |                      |              |                 |                             | "            | C <sub>18</sub> | "                        |
|              |                  |                       |            |                |                      |              |                 |                             | "            | C <sub>19</sub> | "                        |
|              |                  |                       |            |                |                      |              |                 |                             | -113-05      | C <sub>20</sub> | 30 PF 2V                 |
| 1-221-240-00 | SW <sub>1</sub>  | Power Switch          |            |                |                      | -614-00      | R <sub>2</sub>  | 100K ±                      | 1-151-084-00 | C <sub>1</sub>  | PVC Taping<br>Capacitor  |
| 1-513-122-00 | SW <sub>2</sub>  | Volume Control Switch |            |                |                      | -629-00      | R <sub>3</sub>  | 15K ±                       |              | C <sub>2</sub>  | "                        |
|              | SW <sub>3</sub>  | Time Switch           |            |                |                      | -614-00      | R <sub>4</sub>  | 150K ±                      |              | C <sub>3</sub>  | Boil in oil<br>1.5 PF    |
|              |                  |                       |            |                |                      | -425-00      | R <sub>5</sub>  | 5.6K ±                      |              | C <sub>4</sub>  | "                        |
|              |                  |                       |            |                |                      | -420-00      | R <sub>6</sub>  | 4700 ±                      |              | C <sub>5</sub>  | "                        |

\* To be adjusted