SCHEMATIC DIAGRAM

(Parts list on pages 35 ~ 40)

(This schematic diagram may be modified at any time with the development of new technology.)

Note 1:
- S601-1, S601-2 : Speaker selectors.
  S601-1: A S601-2: B
- S701 : Power "on/off" switch.
- S702 : Voltage selector switch. (For (G) area.)
- S901 ~ S910 : Preset-tuning (1-0) switches,
  S901 : CH1, S902 : CH2, S903 : CH3,
  S904 : CH4, S905 : CH5, S906 : CH6,
  S907 : CH7, S908 : CH8, S909 : CH9,
  S910 : CH0
- S911 : Music-scan/group-search switch.
- S912 : FM mode selector.
- S913, S914 : Band selectors.
  S913 : FM, S914 : AM
- S915, S916 : Tuning switches.
  S915 : \( \nabla \) (DOWN), S916 : \( \uparrow \) (UP)
- S917 : Memory switch.
- S918 : Loudness switch.
- S919 ~ S926 : Group registration switches.
  S919 : start, S920 : rock, S921 : jazz
  S922 : classic, S923 : easy, S924 : news
  S925 : other, S926 : end
- S927 ~ S929, S931 : Input selector switches.
  S927 : phono, S928 : tuner, S929 : CD,
  S931 : VCR
- S930 : Tape-monitor/VCR 2 switch.
- Signal line : FM OSC \( \rightarrow \) FM signal
  AM OSC \( \rightarrow \) AM signal
  Phono signal \( \rightarrow \) AF signal (Lch)
  Positive voltage lines
  Negative voltage lines

Important safety notice:
Components identified by \( \uparrow \) mark have special characteristics important for safety. When replacing any of these components, use only manufacturer's specified parts. Indicated voltage values are standard values for the unit measured by the DC electronic circuit tester (high-impedance) with the chassis taken as standard. Therefore, there may exist some errors in the voltage values, depending on internal impedance of the DC circuit tester.

All voltage values shown in circuitry are DC voltage in FM signal (Stereo signal) reception mode.

* Figures in \( \nabla \) Stand for DC-voltage in AM signal reception mode.

* Caution:
IC and LSI are sensitive to static electricity.
Secondary trouble can be prevented by taking care during repair.
* Cover the parts boxes made of plastics with aluminum foil.
* Ground the soldering iron.
* Put a conductive mat on the work table.
* Do not touch the legs of IC or LSI with the fingers directly.

Note 2:
* Use of ceramic filters in pairs
The ceramic filters (CF201, CF202) for FM-IF circuit are available in three ranks. For this circuit, be sure to use the ceramics of the same rank in a pair.
At repairing and replacement, pay close attention to the diodes (D914, D915) for use as different diodes must be used depending on each rank of the ceramic filters.

Color marking
(Blue, Red or Orange)

<table>
<thead>
<tr>
<th>RANK</th>
<th>D914</th>
<th>D915</th>
<th>CENTER FREQUENCY</th>
</tr>
</thead>
<tbody>
<tr>
<td>Blue</td>
<td>○</td>
<td>×</td>
<td>10.675MHz</td>
</tr>
<tr>
<td>Red</td>
<td>×</td>
<td>×</td>
<td>10.700MHz</td>
</tr>
<tr>
<td>Orange</td>
<td>○</td>
<td>×</td>
<td>10.725MHz</td>
</tr>
</tbody>
</table>

Note: ○ mark: Diode is used.
× mark: Diode is not used.