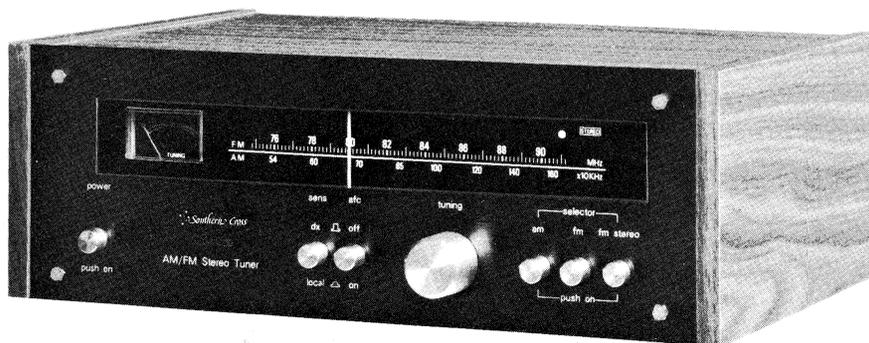


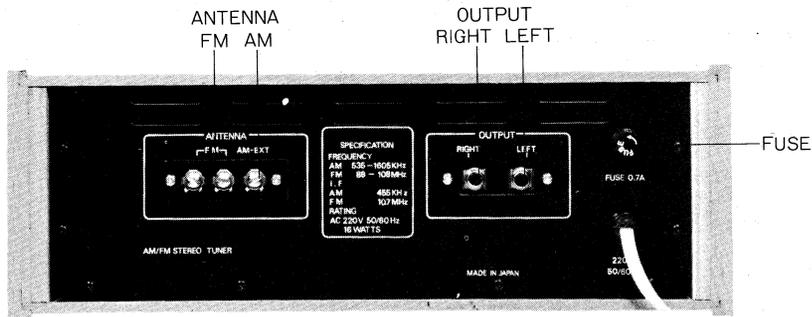
INSTRUCTION BOOKLET

Southern Cross

A-1400

Stereo Tuner





FEATURES:

The unit you have just purchased is a high quality tuner using the most advanced solid state engineering circuits. Integrated circuits is used and can receive broadcasting of remote stations with much less noise.

CONNECTING TO STEREO AMPLIFIER:

Connect between output terminal on the rear panel of this tuner set and tuner input terminal of stereo amplifier (or AUX terminal) with two pieces of audio cable. Please make sure left and right of stereo amplifier input respectively.

ANTENNA CONNECTION:

It is sufficient to receive broadcasting without outside antenna. For a remote and weak signal area, it may require an out-door antenna and connect an antenna wire to AM position of antenna terminal. For FM antenna connection, use a T shaped dipole antenna which can be fixed on the wall or ceiling by stretching it horizontally and this antenna itself must be connected to FM-FM(300 ohm) of antenna terminal. When fixing antenna horizontally, it may necessary to adjust a location in order to settle at the most favorable reception status. For a weak and remote signal area, or to receive a remote broadcasting station, you may require to install a large FM out-door antenna as high as possible.

CONTROLS & SWITCHES:

POWER SWITCH

Switch on the Power Switch to engage Power-On position. and the dial scale will be illuminated in bright green.

AM

Rotate the Selector Switch to engage on AM position and turn the tuning knob to select the station.

FM STEREO

Rotate the Selector Switch to engage on FM stereo position. When the set tuned in FM stereo broadcasting, FM-STEREO indicator will light up and the set in FM monophonic broadcasting, the indicator will not light up.

FM-MONO

When you desire to listen in an FM stereo broadcasting as monophonic reception or at high noise occurred at FM STEREO position, you may rotate the Selector Switch to engage on FM position and eliminate the noise. Please remember, at this position, however, you are only listening to monophonic reception of stereo broadcasting.

TUNING KNOB

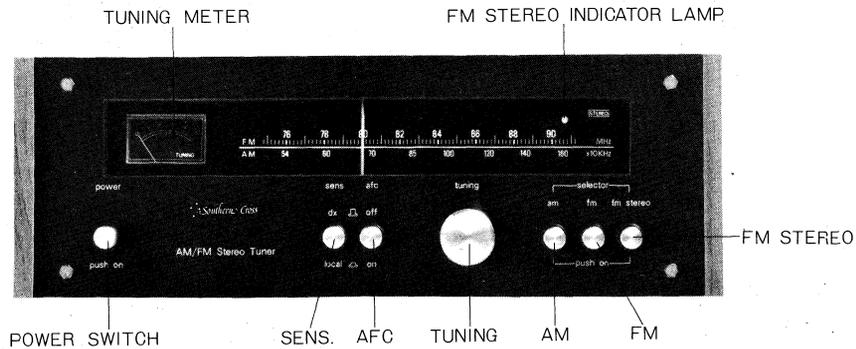
Turning the knob to select a desired station of both AM and FM broadcasting.

TUNING METER

Use for proper point in the tuning process and it works on both AM and FM signals.

AFC SWITCH

When the set tuned in FM and FM stereo broadcasting. switch on the AFC switch to engage AFC position. The circuit works automatically to select best condition in FM broadcasting.



SENS. SWITCH

When the set tuned in AM broadcasting, the Sens. switch is used. For remote and weak signal area or to receive a remote broadcasting station, switch on the Sens. switch to engage DX position. For strong signal area or much

noise signal area, switch on the Sens. switch to engage LOCAL position.

STEREO INDICATOR LIGHT

The lamp will light up in red when tuned in an FM stereo broadcasting station.

AM/FM/MPX STEREO TUNER

TECHNICAL SPECIFICATION

Circuit System:

Integrated Stereo Circuit

Semi Conductor:

1 MPX PLL IC

7 Silicon Transistors

2 Silicon Rectifiers

1 Vari Capacitance

6 Germanium Diodes

1 Illuminant Diode

FM SECTION:

Frequency Range:

88 - 108 MHz

Max. Sensitivity:

5 uV at 98 MHz

30 db Quieting:

12 uV at 98 MHz

Image Rejection:

32 db at 98 MHz

MPX SECTION:

MPX Separation:

34 db

Stereo Indicator Lever:

50 uV

AM SECTION:

Frequency Range:

535 - 1605 KHz

Max. Sensitivity:

100 uV/m at 1000 KHz

20 db Quieting:

300 uV/m at 1000 KHz

Image Rejection:

35 db

IF Rejection:

32 db

Output:

120 mV AM/FM

Power Source:

220 Volts 50/60 Hz

Dimension:

330(W) × 224(D) × 110(H) mm