

#### 5) Fine tuning system and AFC

(1) The fine tuner insures precise station settings with ease and accuracy. Use this for fine tuning of the desired station frequency and even for the weakest radio wave the tuner gives you a choice of maximum selectivity or maximum fidelity to suit your listening needs.

(2) AFC on FM...Your FM listening will be a joy thanks to the FM automatic frequency control feature which locks in the station signal for drift-free reception.

#### 6) Two built-in antennas

There is a built-in telescoping antenna for FM and SW. It covers a 360° rotation for non-directional reception. A powerful built-in ferrite bar antenna spans the entire width of the cabinet for MW and LW. With built-in antenna, there is no problem of antenna installation or fear of antenna loss.

#### 7) Multiplex terminal

A multiplex converter jack (multiplex converter not included) is provided for enjoyment of FM in stereo.

#### 8) Two earphone jacks

Two persons can enjoy private listening by ear-phones.

#### 9) Large knobs for easy operation

There is no fumbling for hard-to-get-at controls on these models. All knobs are large, sure-grip plastic and located conveniently on the front and on each end of the case.

### Specifications

Model :	TRF 1062S
Circuit :	10-transistors, 3 bands, super-heterodyne
Frequency range :	FM 88~108 Mc ; MW 540~1600 kc SW 3.9~12 Mc
Intermediate frequency :	FM 10.7 Mc MW, SW 455 kc
Output :	Maximum 450 mw Distortionless 300 mw
Antenna :	Built-in ferrite bar antenna for MW. Rod antenna with 360° rotation for FM & SW
Dial :	Slide-rule dial (gear driven)
Transistors :	10-transistor, 4-diode circuit
Thermistor :	1-thermistor
Speaker :	4 3/4" x 3" (120 x 80 mm) PD speaker

\* AFC (Automatic Frequency Control)

\* Fine tuning

\* Variable tone control

\* FM multiplex jack for FM stereo

\* Two earphone jacks

Power source : 6 v, UM-2 x 4

Dimensions : w h d  
5 3/8" x 9 5/8" x 2 3/8"  
(140 x 240 x 60 mm)

Net weight : 3 lbs. (1400 g)

Accessories : Magnetic earphone.....1 pc.  
Dry batteries for operation.....  
4 pcs.

Model TRF 1062L has the same specification as the above except for the following :

Frequency range : FM 88~108 Mc  
MW 540~1600 kc  
LW 150~350 kc

Antenna : Built-in ferrite bar antenna for MW & LW. Built-in rod antenna for FM

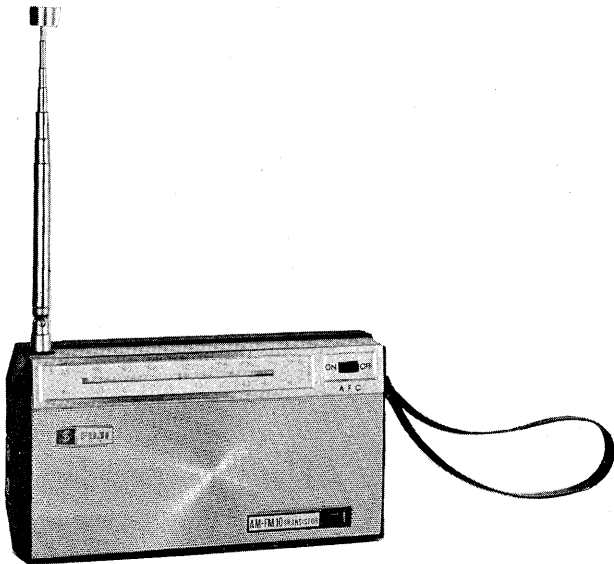
(By K. Uekuri, Foreign Trade Dep't.)

## 10-TRANSISTOR FM/AM PORTABLE RADIO, MODEL TRF 1021

### Preface

Now you can enjoy the pleasure of quality FM

as well as AM radio at a price previously reserved for AM radios alone. A mighty-mite FM/AM portable, Model TRF 1021, out-performs many home



radios. Incorporating features found only in more expensive units, it brings the luxury of FM reception at your fingertips. Automatic frequency control is easily switched on for drift-free FM reception. Lock-in of FM stations eliminates annoying re-tuning and adds to your listening pleasure.

### Special Features

- 1) Small but mighty. Weighs less than one pound but sensitivity is high, especially for fringe areas.
- 2) AFC switch simplifies tuning of FM. AFC switch holds FM stations to proper settings regardless of signal strength and makes FM listening a joy.
- 3) A built-in AM ferrite bar antenna brings in stations clearly while reducing unwanted noise. An FM antenna with 360° rotation to receive broadcast signals under the best conditions.
- 4) Tone control gives the listener optional treble or bass tones. For high, clear tone turn the switch upward as indicated by "H". For low tone, turn the switch downward as indicated by "L".
- 5) Two earphone jacks. When plugged into earphone 1 jack, the speaker is cut off and sound is heard through the earphone only. When inserted

into earphone 2 jack, both the speaker and earphone work. If earphones are inserted into both jacks simultaneously, the speaker is again cut off and sound comes through the earphones only so that two persons can enjoy listening together.

- 6) The geared dial mechanism makes tuning smooth and sure...no slipping.
- 7) The latest functional design cabinet, using unique punched metal, has an easy to read slide dial for AM and FM bands.
- 8) A wrist strap is provided for security in transportation.

### 9) Specifications

Circuit :	10-transistors superheterodyne
Frequency :	FM 88~108 Mc AM 540~1600 kc
Intermediate frequency :	FM 10.7 Mc AM 455 kc
Power output :	Max. 280 mw Distortionless 200 mw
Antenna :	FM rod antenna AM built-in ferrite bar antenna
Speaker :	2 5/8" (65 mm) permanent dynamic
Batteries :	6v penlight battery (UM-3) × 4
* Two earphone jacks	
* AFC switch	
* Tone control switch	
Transistors :	2SA240 (×1) FM RF amp. 2SA240 (×1) FM converter 2SA93 (×1) FM IF amp. and AM converter 2SA93 (×2) FM, AM IF amp. 2SB32 (×1) FM AFC amp. 2SB32 (×2) AF amp. 2SB33 (×2) AF power amp.
Diodes :	IS 446 (×2) FM detector IS 446 (×1) AM detector
Thermistor :	TS-250S (×1)
Dimensions :	w            h            d 3 5/8" × 6 7/8" × 2 5/8" (92 × 172 × 40 mm)
Weight :	About 0.88 lbs. (400 g)
Accessory :	Earphone (×1)

(By K. Uekuri, Foreign Trade Dep't.)