

influence of friction and backlash.

3) Build-in the small size and sturdy case, it is suitable for field installation.

4) In using the plug-in method and parts in common with other Q-series instruments, maintenance is very easy.

5) A temperature compensating mechanism is used for ambient temperature thus making the characteristics very stable.

Specifications

Input :	0.2~1.0 kg/cm ²
Output :	0.2~1.0 kg/cm ²

Characteristic :	Output $\propto \sqrt{\text{input}}$
Air supply :	1.4 kg/cm ²
Air consumption	
At infinite load :	30 l/min
At no load :	5 l/min
Ambient temperature :	0~70°C
Accuracy	
Output more than 20% :	$\pm 0.6\%$
Output less than 20% :	Not guaranteed
Output less than 10% :	Linear relation
Temperature characteristic:	0.3%/10°C

(By M. Okubo, Toyoda Factory)

10-TRANSISTOR, 3 BAND FM PORTABLE RADIO

MODEL TRF 1062S (FM/MW/SW)

MODEL TRF 1062L (FM/MW/LW)

Preface

The new TRF 1062S and TRF 1062L are the improved versions of TRF 1061S which was previously introduced in our FUJI ELECTRIC REVIEW, Vol 10, No. 3.

All of the outstanding engineering qualities of the famous predecessor, TRF 1061S have been retained in the two new models and in addition new design features and an exciting new approach to styling have been incorporated in TRF 1062S and TRF 1062L. Highlighting the sparkling new styling is the three colored dial: blue for FM, light yellow for MW and red for SW or LW. The handsome cabinet in either all black or a two-tone finish (black and simulated woven silver) measures $5\frac{5}{8}'' \times 9\frac{5}{8}'' \times 2\frac{3}{8}''$. The functional panel layout has all of the controls located for easy and convenient operation. There are separate controls for tone, volume, tuning, fine tuning and the band selector switch. In addition to FM and MW bands, TRF 1062S provides reception of SW and TRF 1062L of LW. Now you can have hi-fi wherever you go!

Special Features

1) Gear drive dial

The dial mechanism is gear operated. Skillful usage of gears causes the dial mechanism to work smoothly and accurately...no slipping.

2) Easily read 3-colored dial

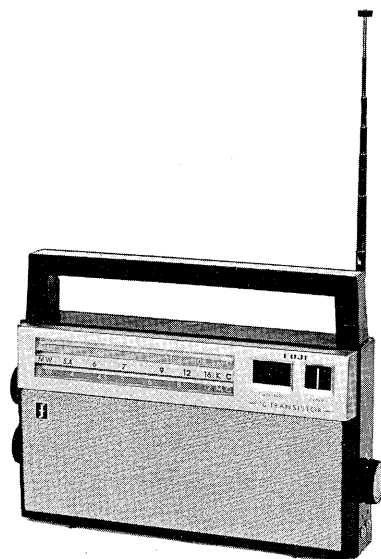
Each band is clearly marked on a separate colored dial for ease of selection. Blue for FM, light yellow for MW and red for SW or LW.

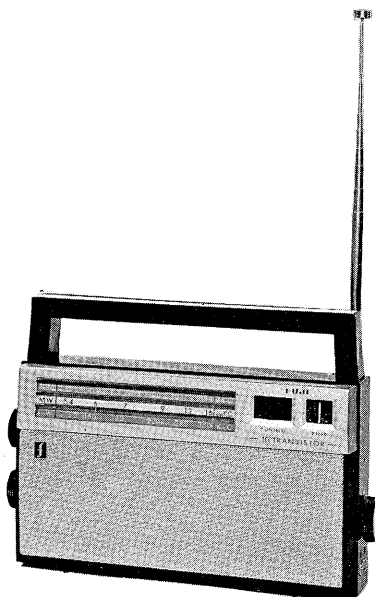
3) Economical operation

Power is furnished by only four of the most popular priced "C" type flashlight batteries for up to 300 hours or about 2 and one-half months (at four hours a day) of listening pleasure. Batteries can be replaced conveniently through the battery replacement door on the back without removing the entire back cover.

4) Variable tone control

The variable tone control dial makes the selection of any tone quality desired. Turn the knob downward or upward for treble-bass adjustment; for treble, turn it downward toward you; for bass, reverse the knob upward.





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 earphones.

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