

SINGLE CHANNEL TRANSMITTER "FT-3A" RELAYLESS SINGLE CHANNEL RECEIVER "FT-LRS"

M A N U A L

[FUTABA "FT-3A"]

FUTABA FT-3A, single channel transmitter, ideally suitable for the beginners, requires subminiature and newly designed precision unit on the basis of the up-to-date knowhow and modernized facilities. The performances are approved at home and abroad.

[Main Features]

- (1) Featuring two-transistor circuit but more transmitting power than expected, because of the very rationalized circuit design.
- (2) Best in the efficiency of electric power because of the special system preventing the loss of antenna circuit.
- (3) Assuring trouble-free and stable operation both because of adopting the rigidly selected parts and a micro switch.
- (4) The unit requires compact molded construction for easier-to-handle design.

[How to get best results]

- *Tightly insert 8 pieces of dry batteries, UM-3, into a battery holder without mistaking the polarity of plus and minus.
- *Turn on the switch (an ON-OFF switch mounted on right side) after antenna has been extended to its full length. Under this condition, the power (carrier wave) should be transmitted. Never touch antenna under the switched-on condition.
- *Signals are transmitted by a push button type micro switch mounted on the middle.
- *Don't touch the circuit component parts especially such as coils.
- *Check the voltage of batteries occasionally and replace the batteries when the voltage drops to 10 volts or less.
- *The unit should not be kept at any places exposed direct to the sun or at any high temperature or high humidity places.

[Main Specifications]

Transmitting frequencies..... 26,995 · 27,145 · 27,120Mc
 Modulated frequency.....500 c/s 100 c/s
 Current consumption.....7mA at carried, 20mA at modulated
 Temperature range-5°C ~ ±50°C
 Power sources12V, UM-3×8
 Communication distance ..300m or more on ground at the combination of our models F-327R and F4-LRS

[FUTABA "F4-LRS"]

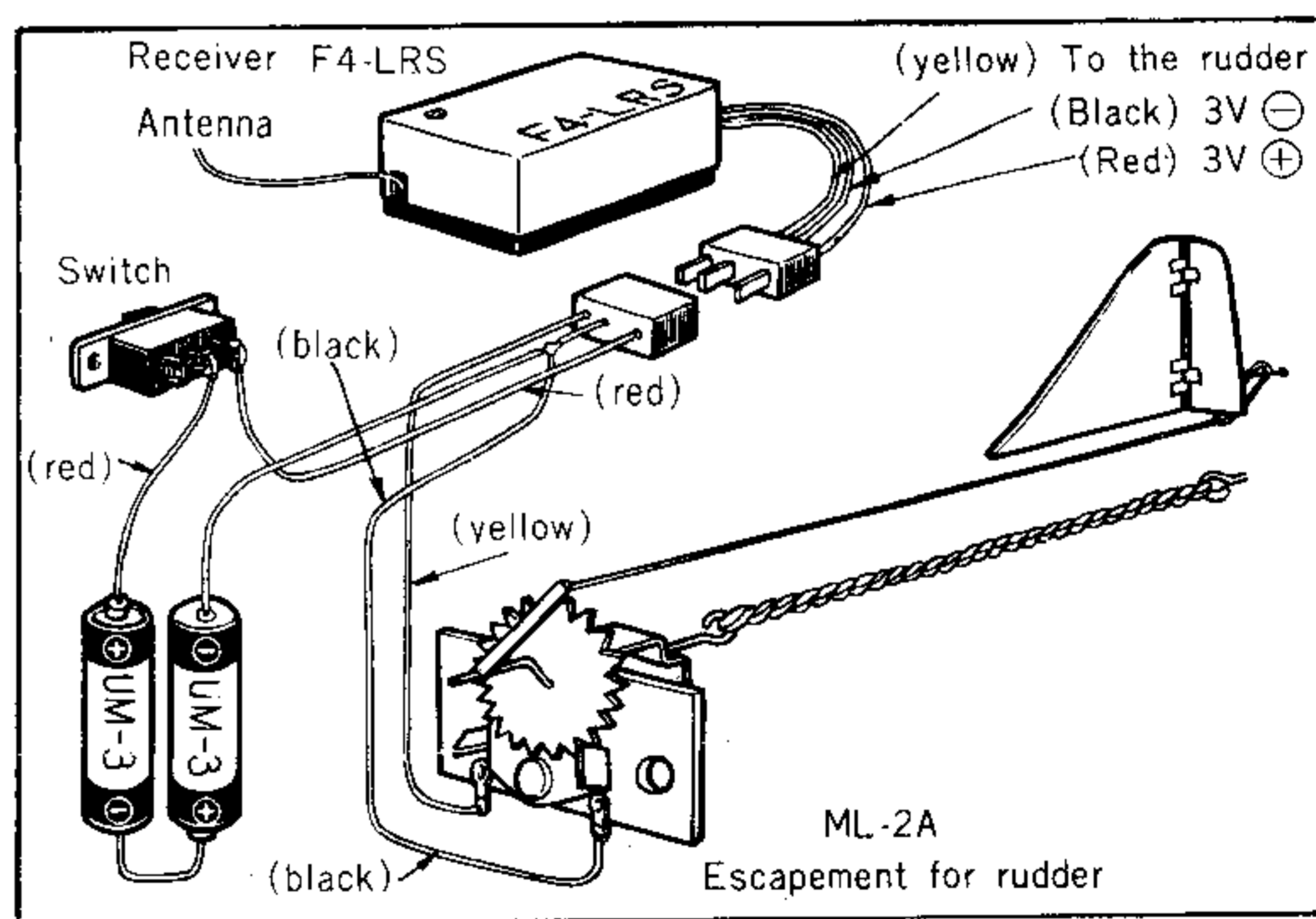
FUTABA F4-LRS single channel receiver, especially for use in subminiature model airplanes, is a high grade relayless receiver with subminiature super-regenerative circuit unparalleled in the world.

[Main Features]

- ◆The subminiature 4-transistor receiver requires only 3V supply so that the unit will be easily mounted on the model airplanes, because the batteries work on both escapement and the unit.
- *Free from the troubles brought by vibration and defects to contact due to a relay-less system. The unit features very high sensitivity.
- *Possible to set signals easily and accurately to a tuning point because a tuning indicating lamp is built in.

[How to get best results]

- *Turn on the switch when wiring is correctly connected. (See the diagram shown below.) At this point, a lamp is not lighted.
- *Turn on the switch of transmitter and press down the push button switch. And then put the receiver at any places which are 50 to 100 m distant from the transmitter, and adjust the tuning coil of the receiver politely to brighten a tuning indicating lamp most.
- *At adjustment, please use an insulated screw driver.



[Main Specifications]

Receiving frequency..... 27mega band, 40mega band
 Dimensions and Weight ...28×39×21mm, 33g
 Power source 3V, UM-3×2
 Current consumption.....3mA at carried, 200mA at modulated
 Temperature range.....-5°C ~ ±50°C

~~~~~ **FUTABA DENSHI KOGYO CO., LTD.** ~~~~~

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