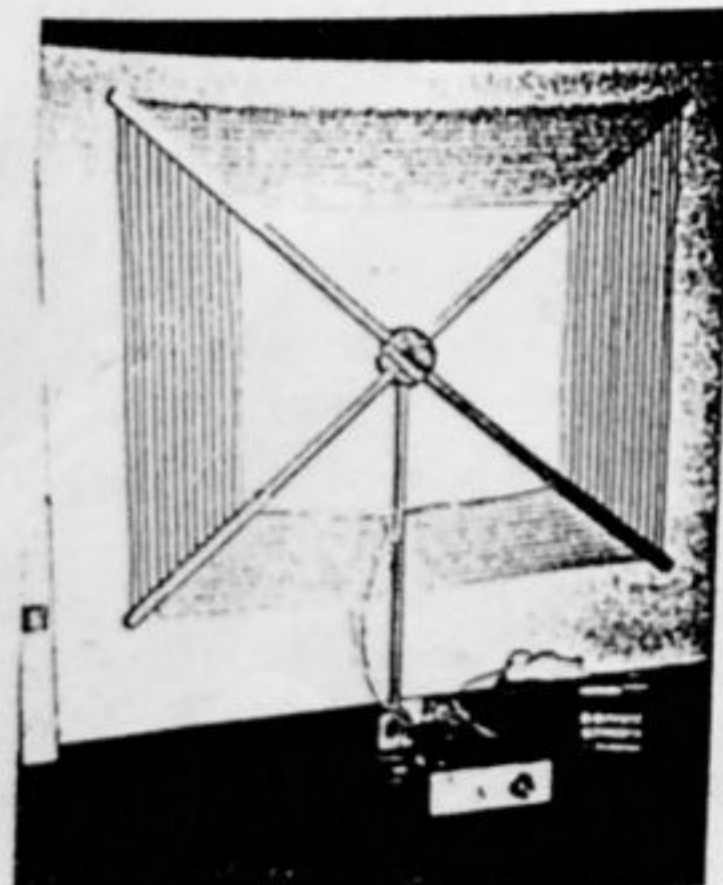


UZ-8DX

Mizuho

Features

- * Large Size Loop Antenna (70cm/side) provided with High Quality Pre-Amplifier
- * Natural Wooden Supporter is good appearance to be used as a interior decoration.
- * User can select the function of Loop Antenna only or the function of Loop Antenna with RX Amplifier.
- * Recommendable to use for receiving of long distance middle-wave or for receiving in the building.

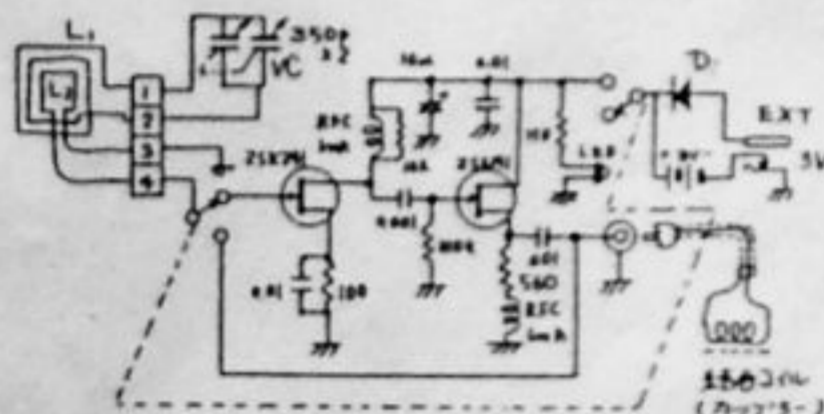


How to make assembling of the UZ-8DX :

Please refer to the illustration Nos. 7, 8 and 10, with preparing the tools (1) Nipper and (2) Driver (No soldering is required.) The Pre-Amplifier part is factory-adjusted.

How to use the UZ-8DX:

Set the UZ-8DX with radio as shown in the illustration No. 3. The controls are as follows.



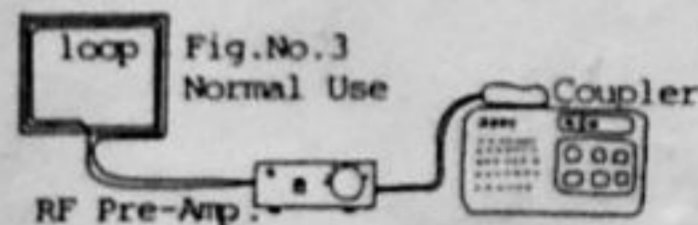
- (1) Turn the switch of radio "ON" and tune the dial to the preferable station.
- (2) Turn the switch of UZ-8DX "ON" and the red indicator lights up.
- (3) Turn the Tuning Dial to clockwise slowly, then, the sensitivity of the radio will increase with having the background noise. After getting the station, try to find out the optimum angle of Loop Antenna by rotating the antenna.
- (4) Check the best condition by changing the location of radio and coupler coil.

*When you adjust the antenna in the concrete building, please be sure to use the loop antenna near to the window.

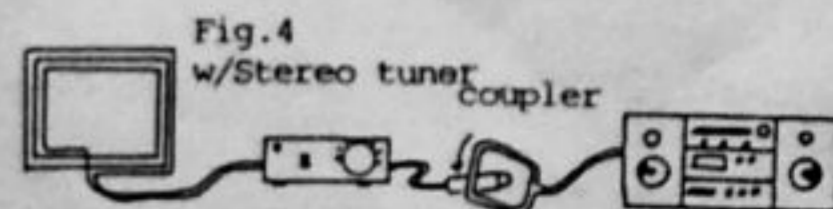
*The UZ-8DX is not waterproof version.

When using with "STEREO" tuner or Communication type Receiver:

- (1) When using with "STEREO" tuner, please couple the "coupler" of UZ-8DX with the mini-loop antenna connected to the stereo tuner. Please refer to the illustration No.4.



- (2) When using with communication type receiver, connect directly to the terminal of antenna or earth without using the coupler of UZ-8DX.



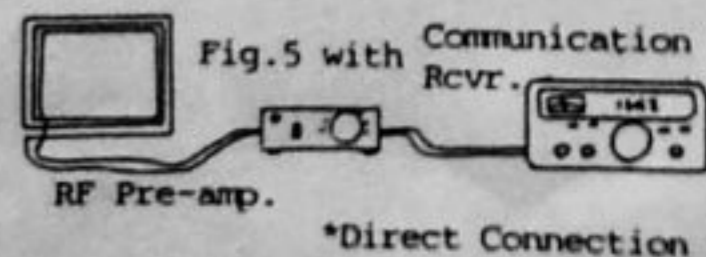
Note: In case you have the following condition, UZ-8DX(also other accessories) can not solve the problems.

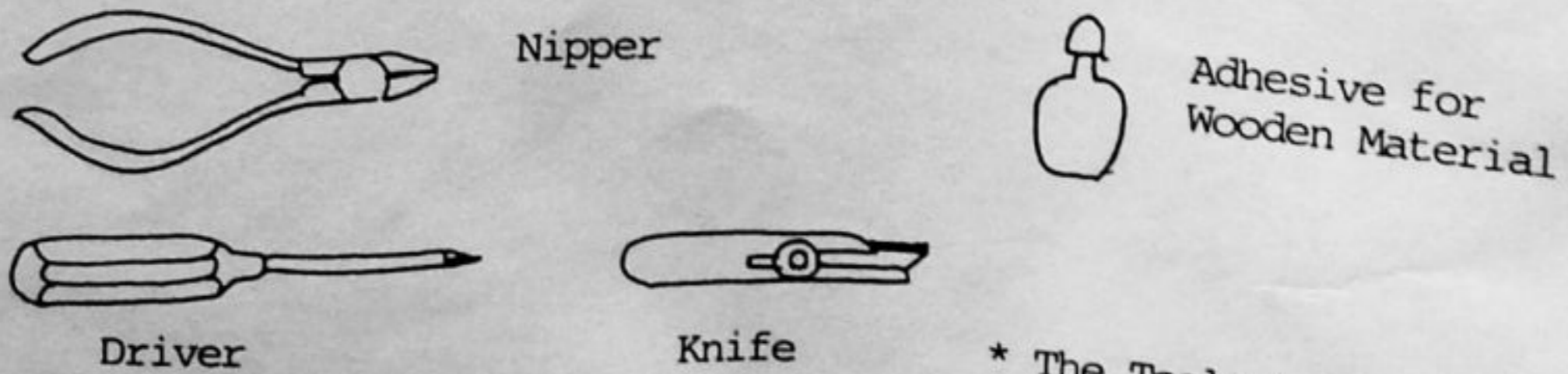
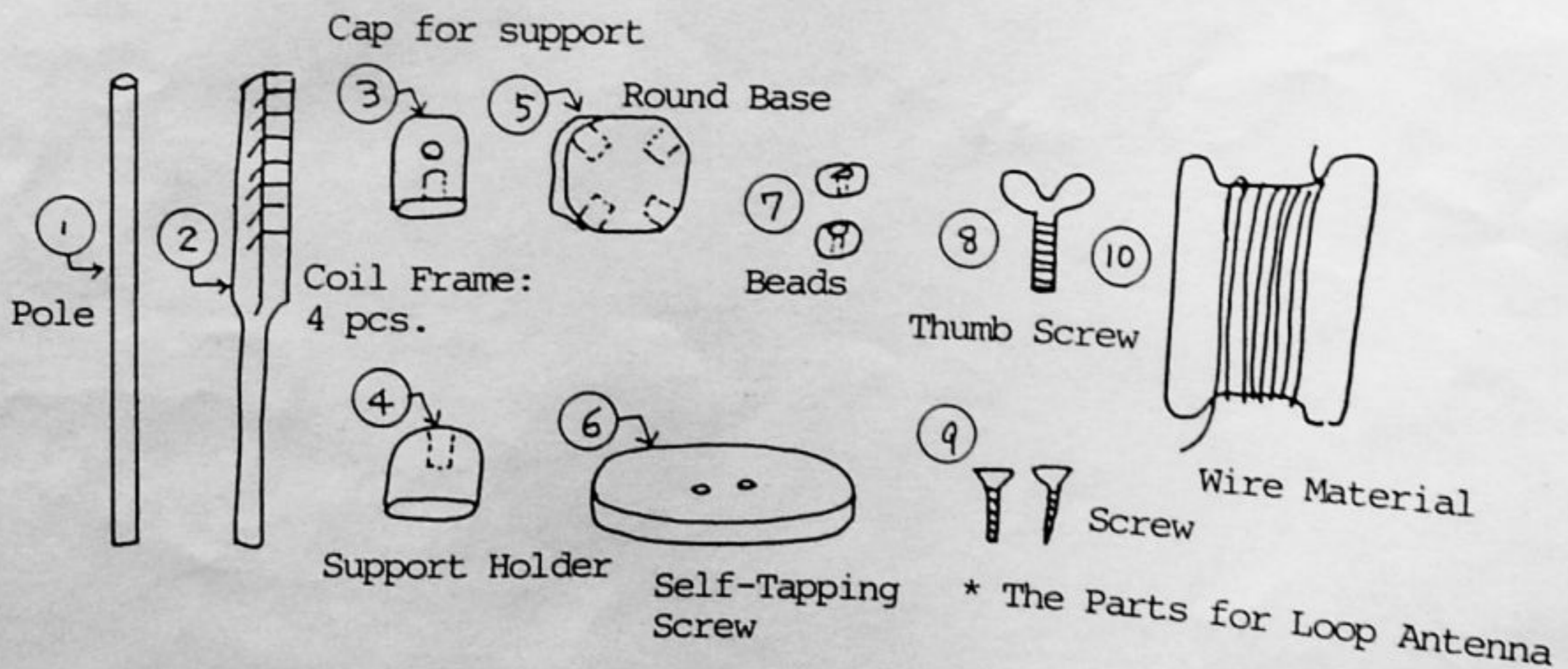
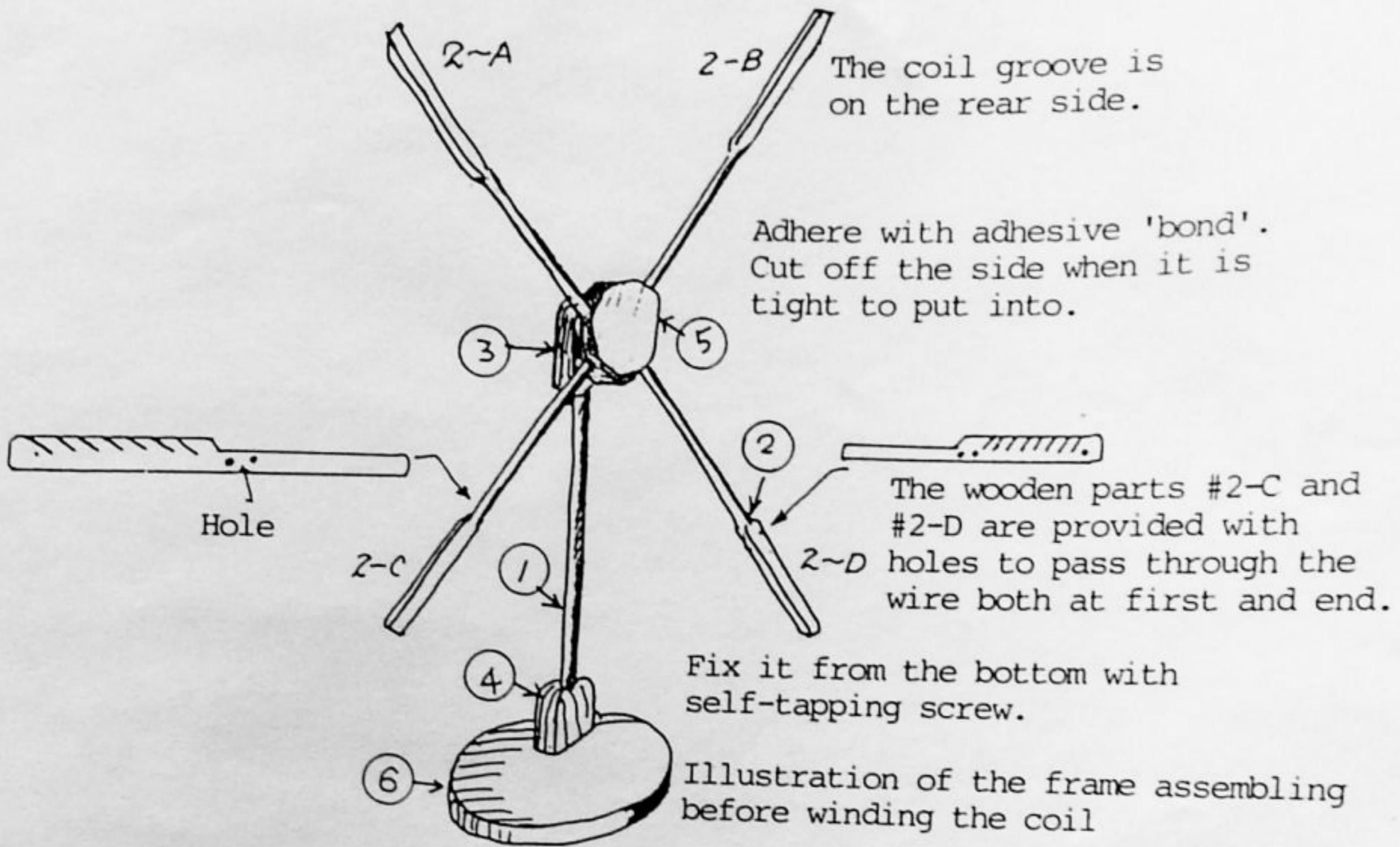
- (1) When you want to receive the station with long distance and there are strong signals near to the selected frequency. (When you have a strong radio interference.)

- (2) When wave signal is too weak to arrive to you.

** When you use the radio with high selectability, you can enjoy listening with the Loop Antenna.

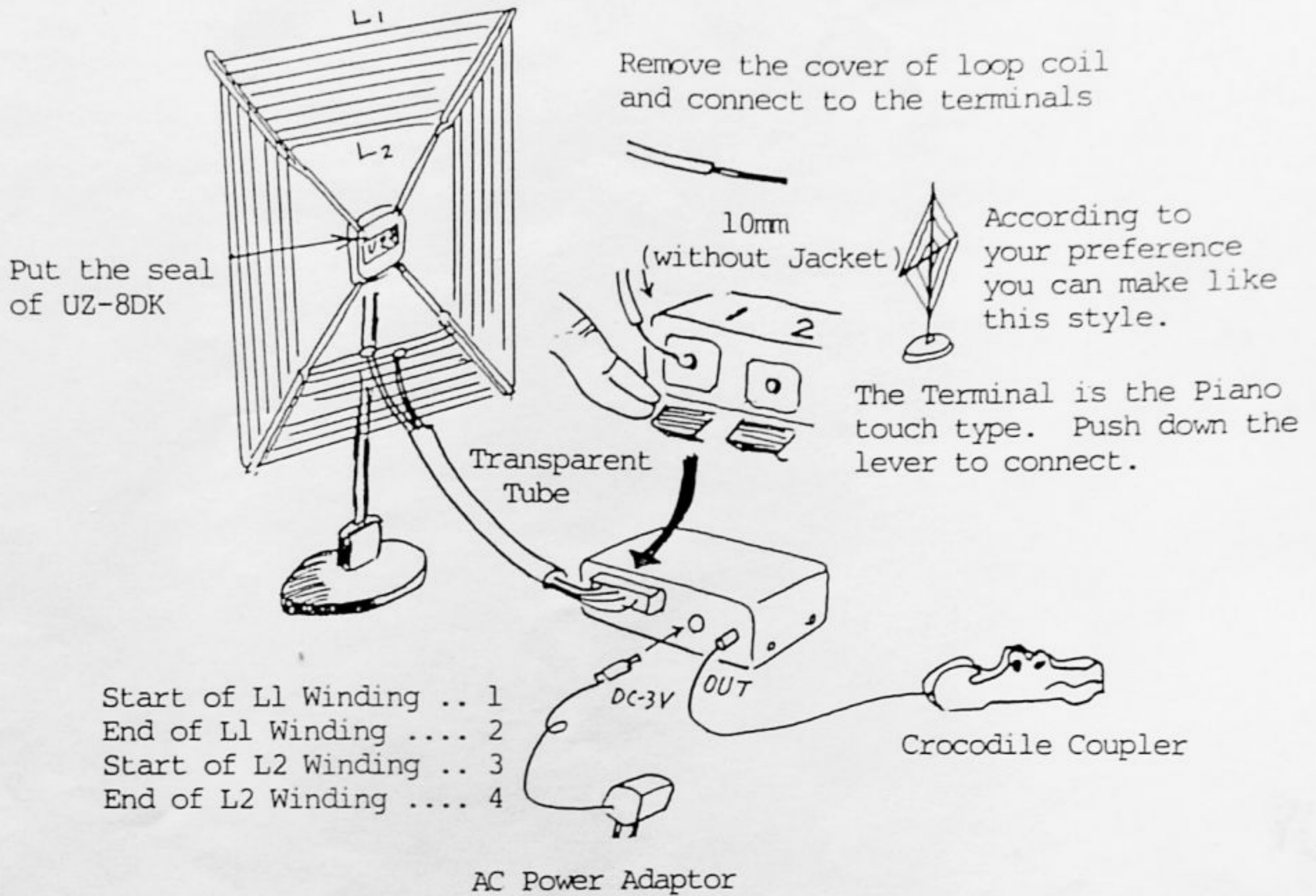
** When you have strong radio interference before using the Loop Antenna, it may be recommendable to cover the radio antenna part by aluminum foil.





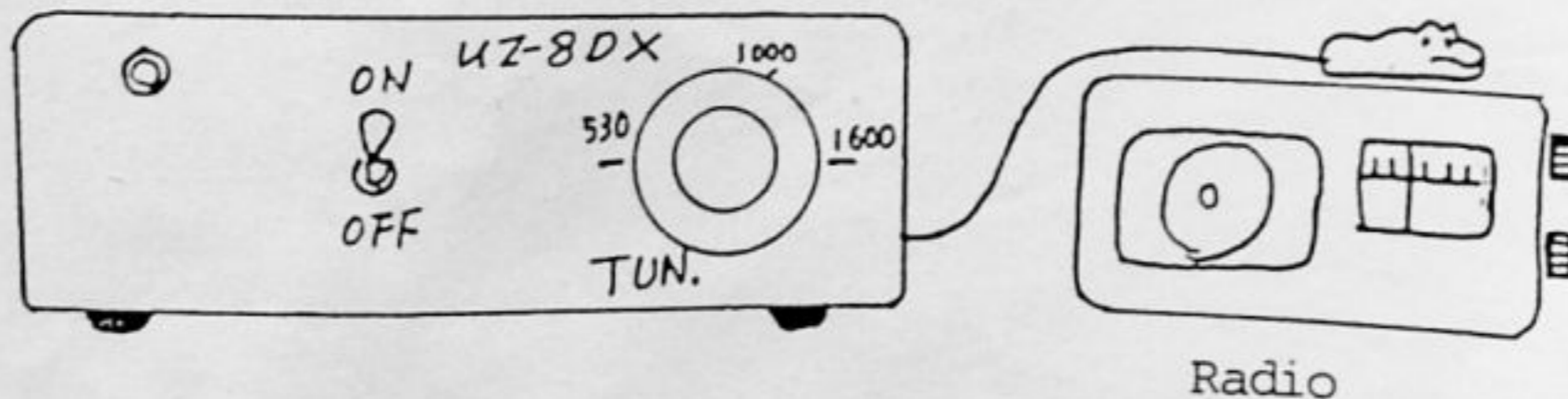
* The Tools to be prepared

Illustration NO. 7 How To Make The Loop Antenna



Lights up at Switch "ON"
 Indicator Lamp

Move the location of the Coupler to get the optimum receiving condition.

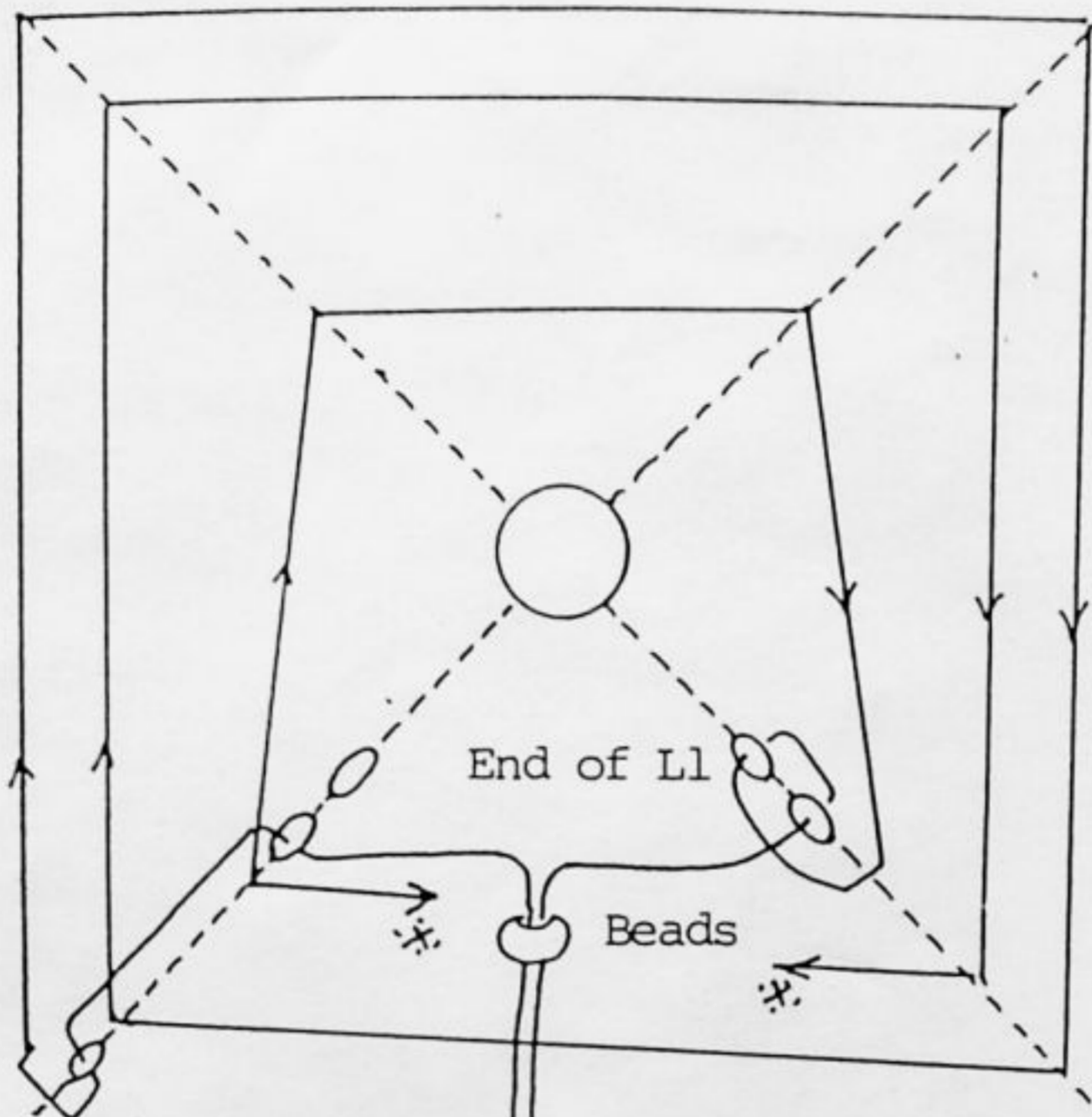


Power Switch

Radio

Upper side: "ON"
 Lower side: "OFF"
 At "OFF" position, the receiving amplifier will not work. The loop antenna connects directly to the coupler.

Tune at the preferable broadcasting station and adjust to have maximum sensitivity. You can tune very sharply since the Loop Antenna is double windings type.



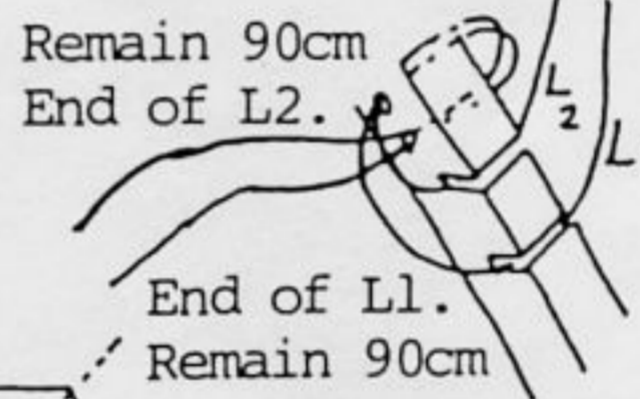
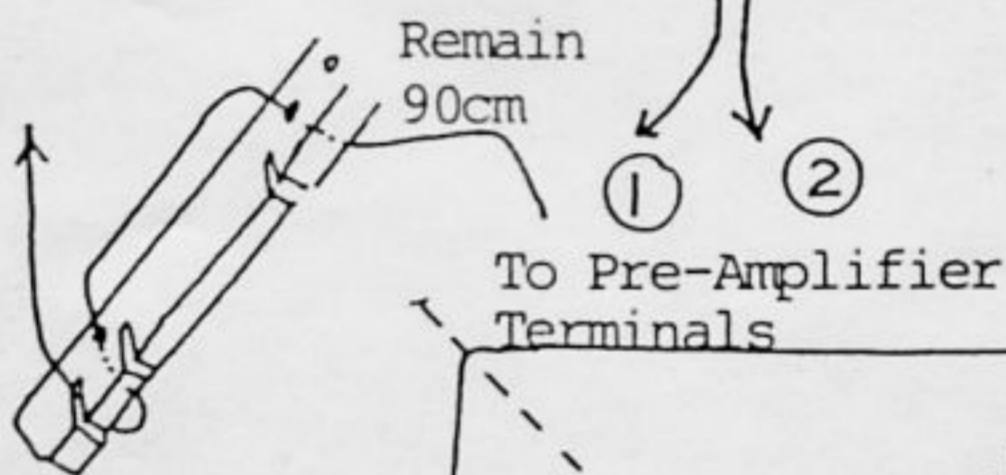
Wind the wire without kink.
 (view from rear side
 provided with coil groove)

12th Turn

(you can finish with
 remaining the final groove)

The finish of L1 and L2
 can be done by stopping
 of the wire at the same
 hole.

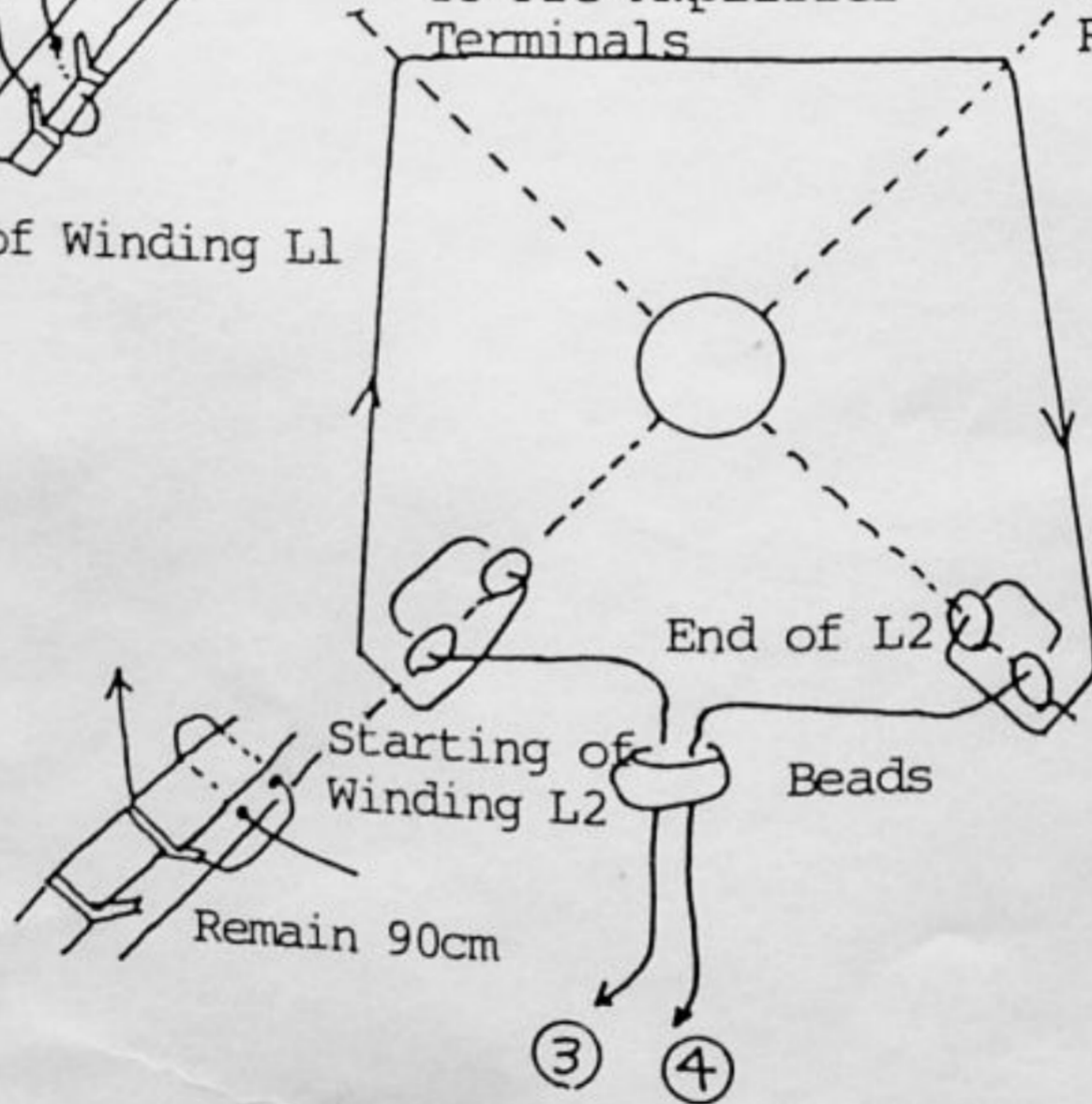
L1 start of winding



Starting of Winding L1

Wind the wire with 1 turn
 inside of L1.

The stopping hole for starting
 and ending of windings is
 common use.

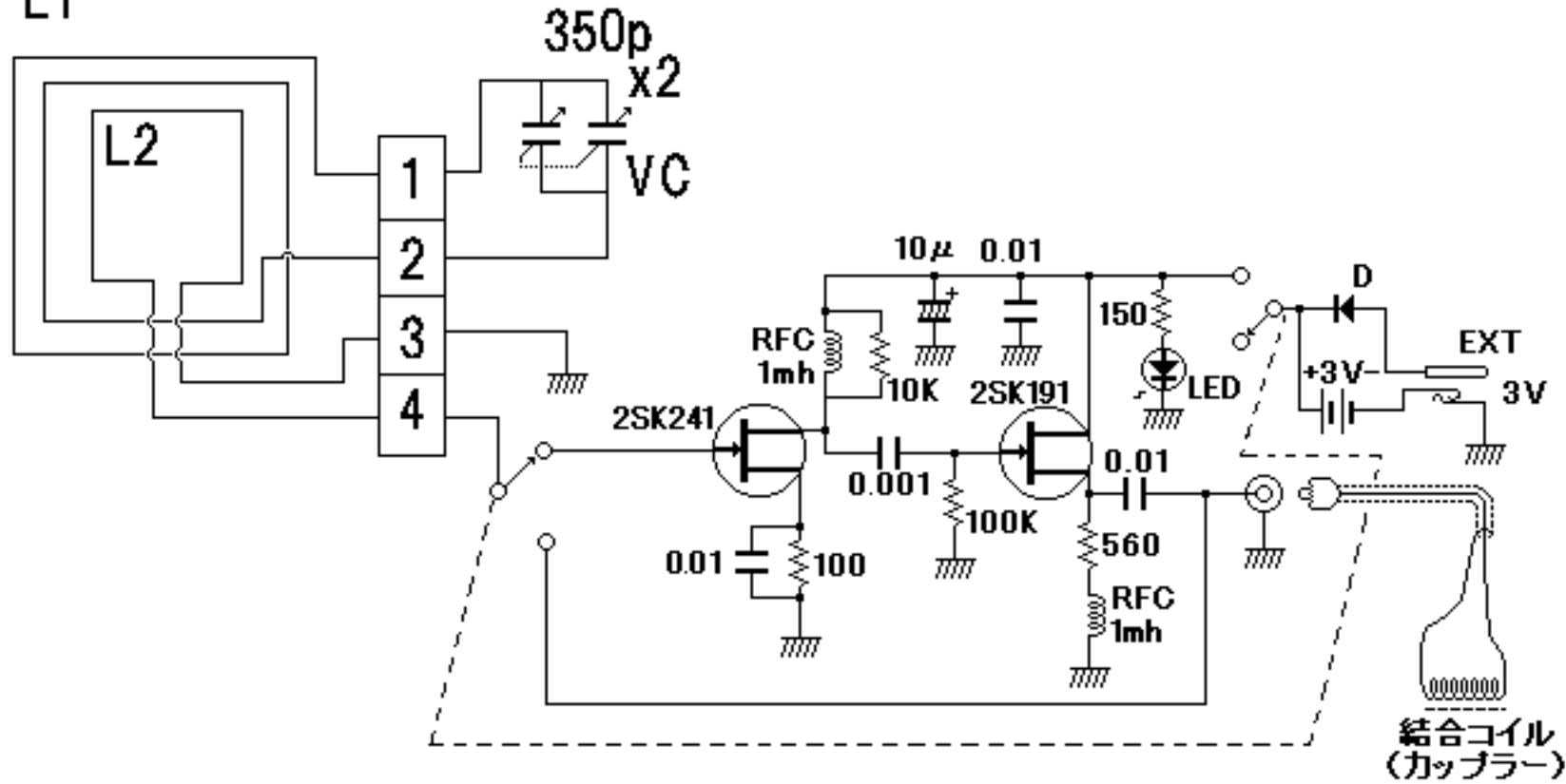


to Pre-Amplifier Terminals

How to Wind the Loop Antenna

UZ-8DX アンプ回路図

L1



結合コイル
(カップラー)