UHF receiver operation manual

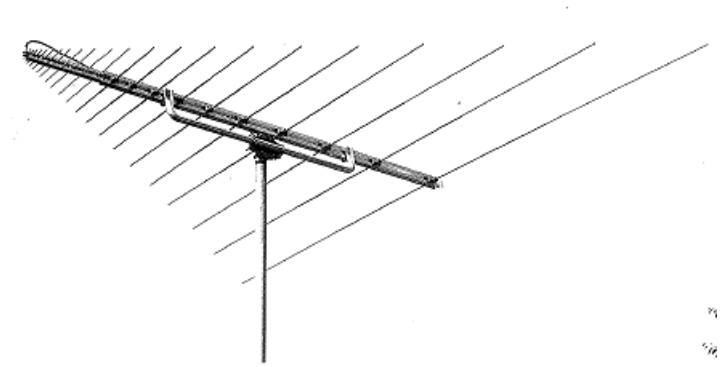
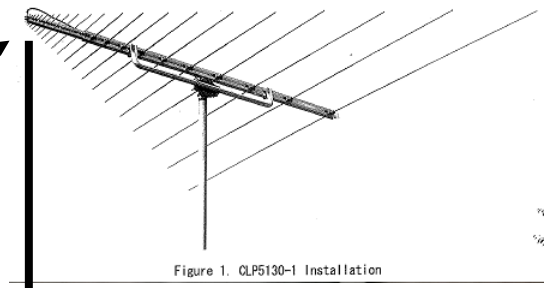


Figure 1. CLP5130-1 Installation

2020.10.31 K.fukai

Device connection diagram

LOG periodic antenna



N type connector

GPS antenna

coaxial cable

coaxial cable

N

UHF receiver

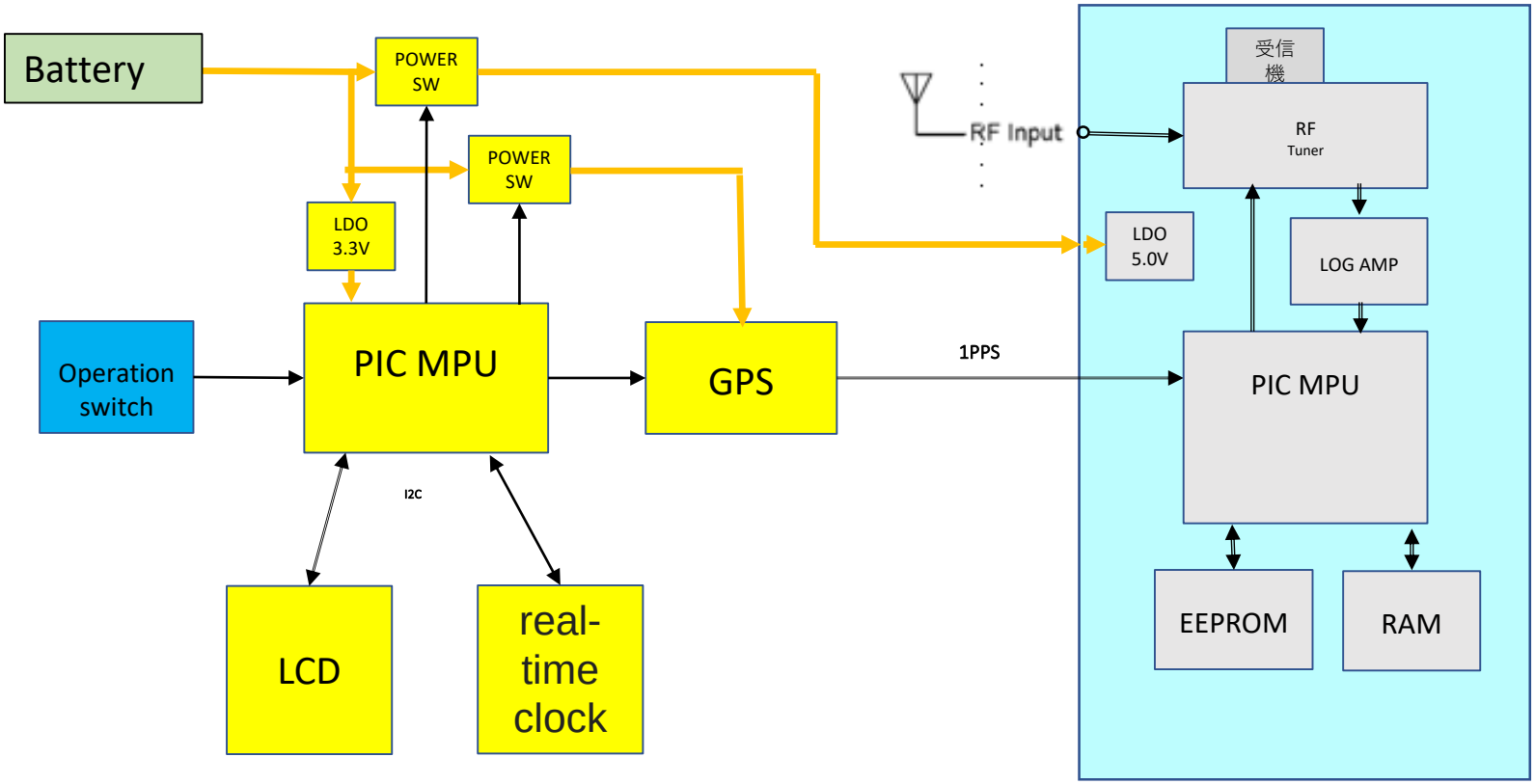
SMA

N type connector

SMA type connector

Battery box

UHF receiver diagram



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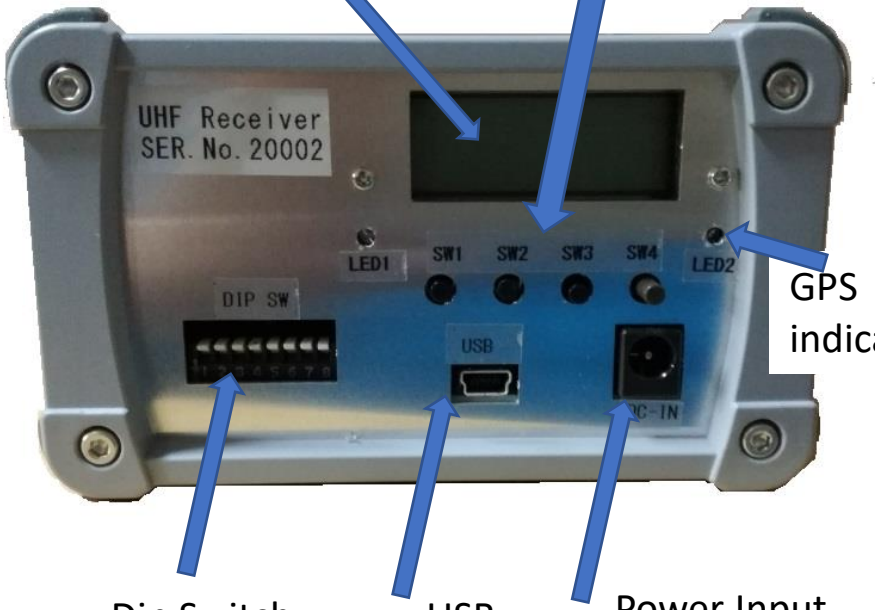
Name of each part of UHF receiver

GPS Antenna Input

RF Input
(Form LOG periodic antenna)

Power Switch



LCD

Timer setting switch

GPS indicator

Dip Switch
(Each setting)

USB
Not used in measurement

Power Input
5.5V～12V

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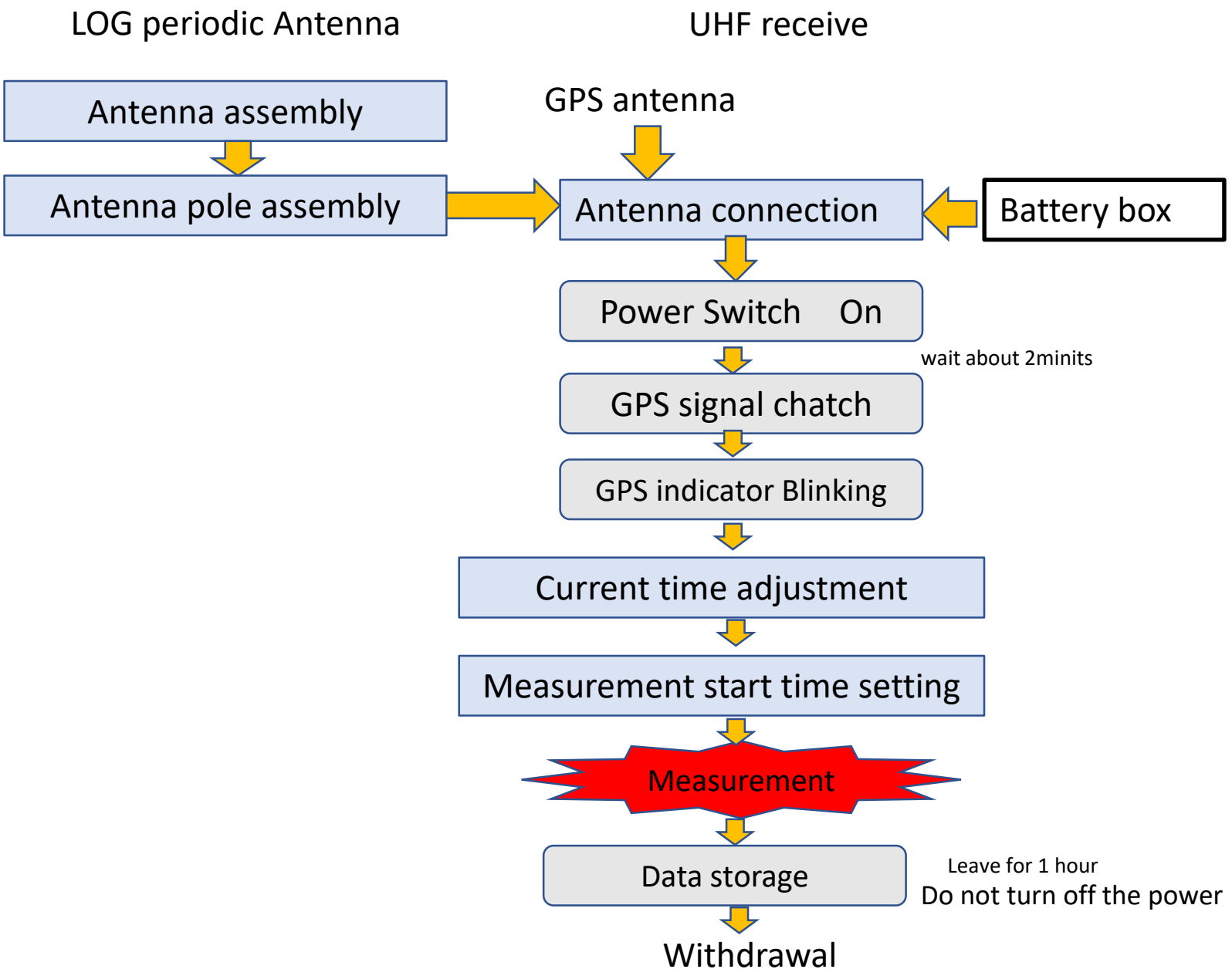
GPS antenna

Battery box

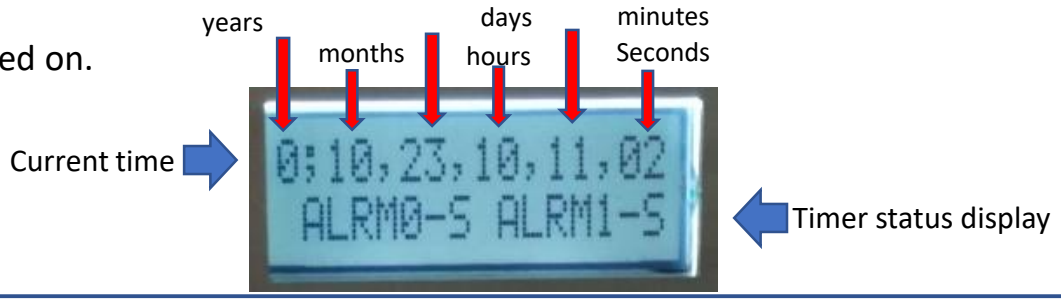
Measurement flow



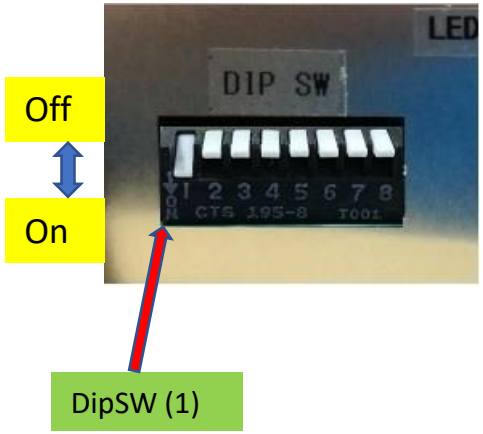
Time adjustment

The time is displayed in UTC(Coordinated Universal Time).

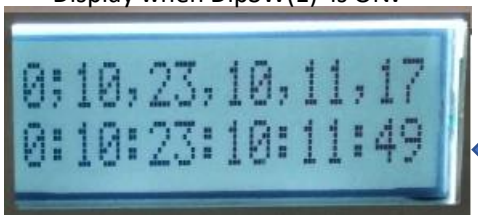
①Display when the power of the receiver is turned on.



②DipSW(1) is ON.



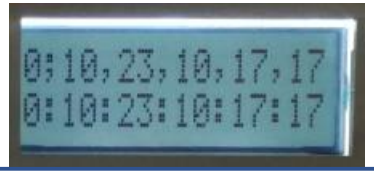
Display when DipSW(1) is ON.



About 2 minutes after turning on the GPS power, the LED blinks.

The LED flashes when the GPS time is captured.

1)First DipSW(1) is ON.
2)Second , wait until the LED blinks.
3)And,push SW4.
The current time is set to the GPS clock time.



Current time

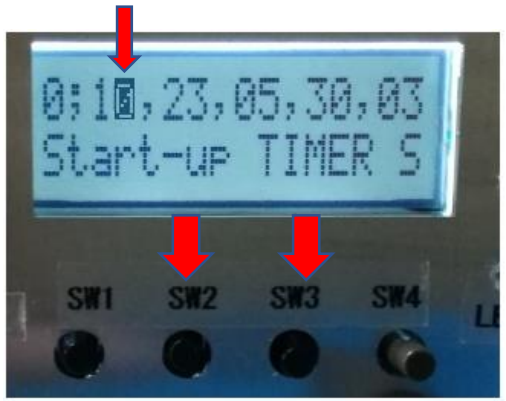
GPS time

③Display when DipSW(1) is OFF.

Measurement start time setting

① DipSW(4) is ON.

Characters are reversed.

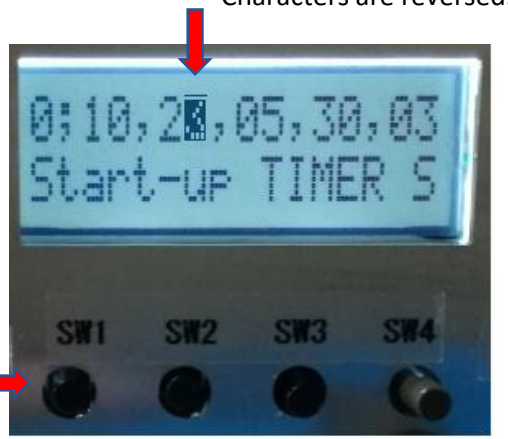


You can change where the characters are inverted.

Set the month.
SW2 is up.
SW3 goes down.

② Push SW1. And set Days.

Characters are reversed.



Push SW1

Set the Day.
SW2 is up.
SW3 goes down.

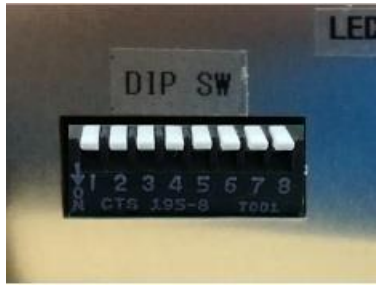
③ Push SW1. And set Hours. Set the Day.SW2 is up. SW3 goes down.

④ Push SW1. And set Minutes. Set the Day.SW2 is up. SW3 goes down.

⑤ Push SW1. And set Seconds. Set the Day.SW2 is up. SW3 goes down.

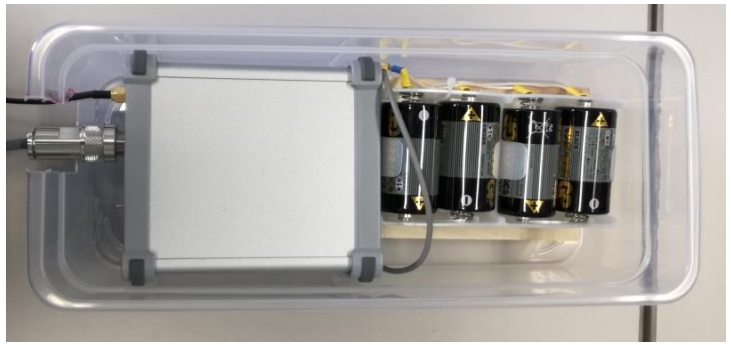
Preparation for measurement

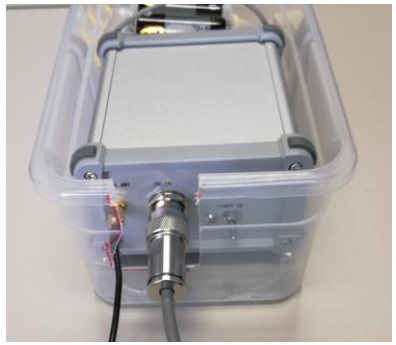
① DipSW(1) and (4) is OFF.



②The power is connected, and the switch remains on.

Store in a waterproof case.





③Attach to the pole.

GPS antenna

Measurement

When the timer set time is reached, data is automatically acquired for 5 minutes.
After acquiring the data, transfer the data to EEPROM.
During this time, it takes 1 hour, so do not turn off the power.

After Measurement

After 1 hour or more has passed after the measurement is completed,
turn off the power switch.
After that, do not connect the power supply.
The data may be overwritten.
We read the data.
Thank you very much.
Please contact us if you have any questions.