

How to Set Up

Before starting the set up procedure.

Insert batteries into the battery compartment of the Setting Adapter. Be sure to charge the battery fully.

Disconnect the motor and be sure not to short-circuit.

Connect the receiver connector of the speed controller to the communication connector of the Setting Adapter.

Connect the battery to the speed controller.

*Feel the difference of drive frequency

1. Switch on the Setting Adapter first.
2. Press and hold the power switch of speed controller until the LED lights on, goes out and on again.
3. Memory select screen displays first. Select MEM=02 by pressing [+] key.
4. Press [UP] key to go on to "Data transmit, receive" screen. Pressing [-] key to receive the data of speed controller.
5. Press [DOWN] key to select "All select" screen. It displays ALL SEL 17 (drive frequency 2KHz).
6. Let's try to change frequency lower to 14 (drive frequency 1.5KHz) by pressing [-] key.
7. Press [UP] key to go on to "Data transmit, receive" screen and press [+] key to transmit the data to speed controller.
8. The switch of the speed controller flashes and transfer is complete. In order to save this setting, go on to "Memory access" screen by pressing [DOWN] key and press [+] keys to save this data to Setting Adapter.
9. Now let's try to change frequency higher. Perform the procedure described above (1-5) and you can see "ALL SEL 14" Press [+] key to change the value to "ALL SEL 22" (drive frequency 3KHz).
10. Press [UP] key to go on to "Data transmit, receive" screen and press [+] key to transmit the data to speed controller.
11. The switch of the speed controller flashes and the transfer is complete.
12. Did you feel the difference of drive frequency? However this is the same as other speed controller. Now let's try to set up frequencies by using sample data sheets.

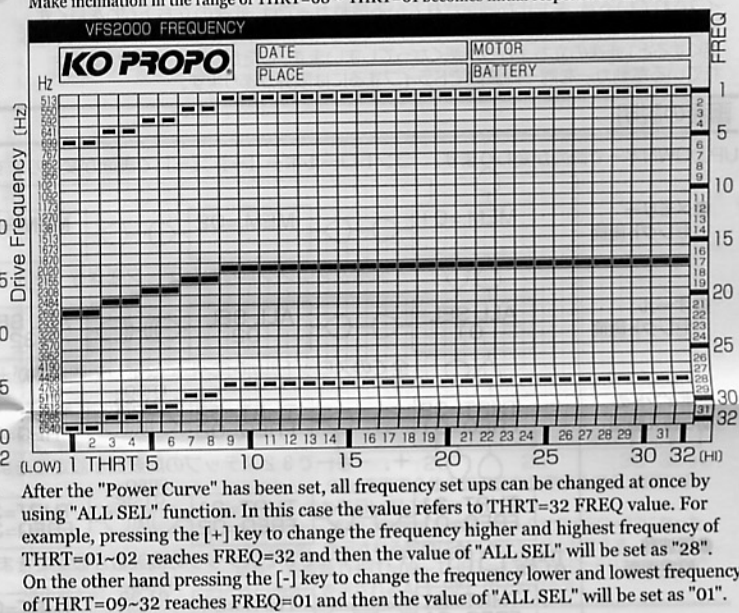
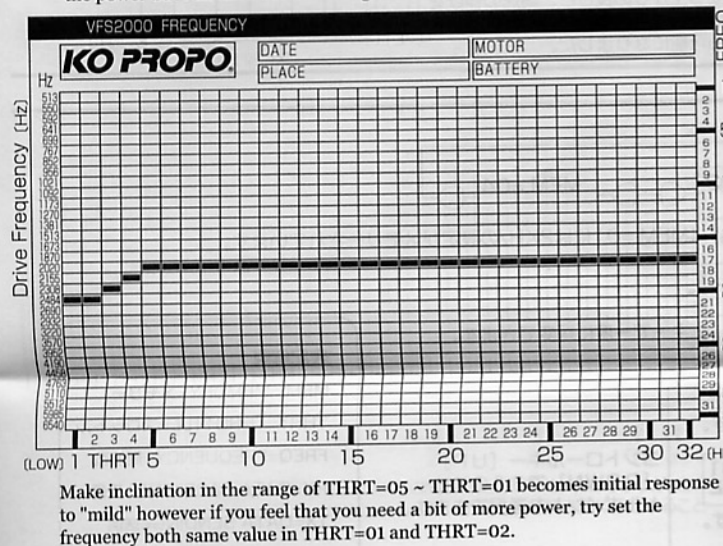
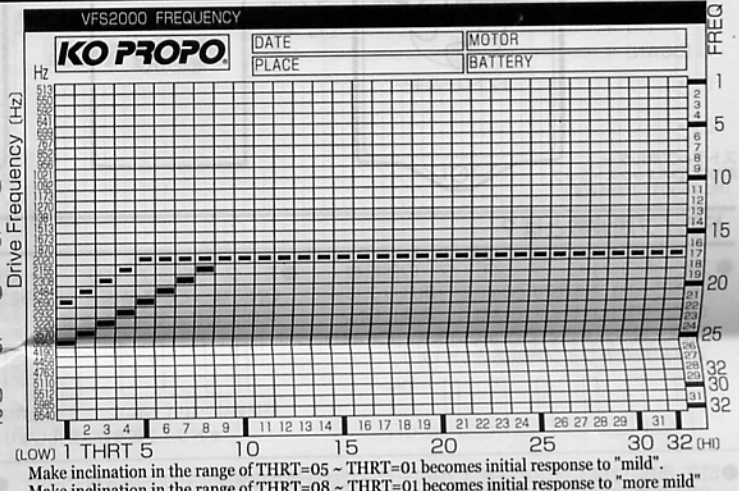
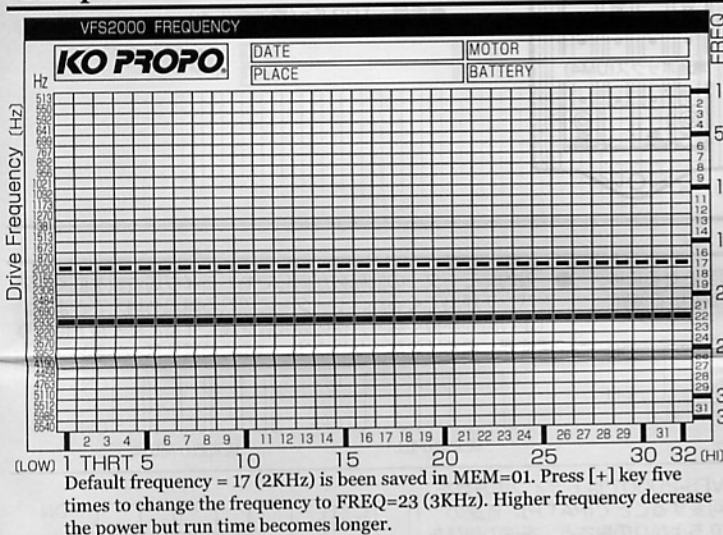
Note 1. In order to use saved data be sure to select the memory number first and load the saved data by pressing LD ([-]) key on "Memory access" screen. All THRT FREQ is set to 01 when you switched the unit on.

Note 2. The data cannot be saved if you switch off the unit after transfer the data from VFS-2000. To save the data, be sure to save on "Memory access" screen. *This is useful for copying the data between other VFS speed controllers.

Note 3. During the frequency setting, do not switch off both units. It may result in loss of data.

Sample Data Sheets

This graph shows "Power Curve". Increase the frequency to decrease the power and decrease the frequency to increase the power.



Trouble Shooting.

- "NG" appears when performing data transmission and receipt. The LED is not flashing when the data was transferred from Setting Adapter to speed controller.
- *Be sure to connect data communication connector and receiver connector of speed controller. Loose connection may result in malfunction of data transmission.

If the unit still does not function correctly.

Please contact our service department and have the following information available • your name, address or phone number and situation when trouble occurred.

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