HTS-VOICE

Setup and Customization Using the HPP-22

1. To get the most out of your HTS-Voice, you will need the HPP-22 PC Program interface and software. If you already have an HPP-22 you will need to download the latest software version. The software is available here http://hitecrcd.co.kr/tester/hpp_22.htm

2. Install program

   a. Before installing the latest version make sure to **uninstall** any previous versions of the HPP-22 Software

   b. Click on the file "Install_HPP-22 V1.XX"t to begin the installation process

   c. Follow the step by step installation prompts. When the following screen appears the HPP-22 Software has been properly installed. Click finish to launch the program or double click the icon on your desktop to launch the HPP-22 Software.

3. Launch the **H**itec **T**elemetry **S**ystem **C**ommand Center Program
After the program is installed and launched, click on the Hitec Telemetry System Command Center icon
.

Click Here to Launch
the HTSCC Program
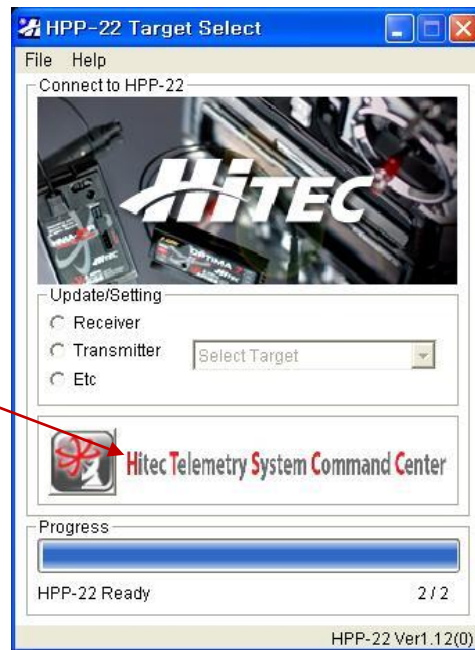
Notice: **Before you can use the HTS-Voice setup and customization program in HTS-22 software you may need to update the HTS-Voice firmware. The HTS-Voice setup and customization program only works with HTS-Voice firmware versions 1.03 and above. For information on how to update the firmware in the HTS-Voice refer to HTS-Voice Firmware update manual which can be found online.**
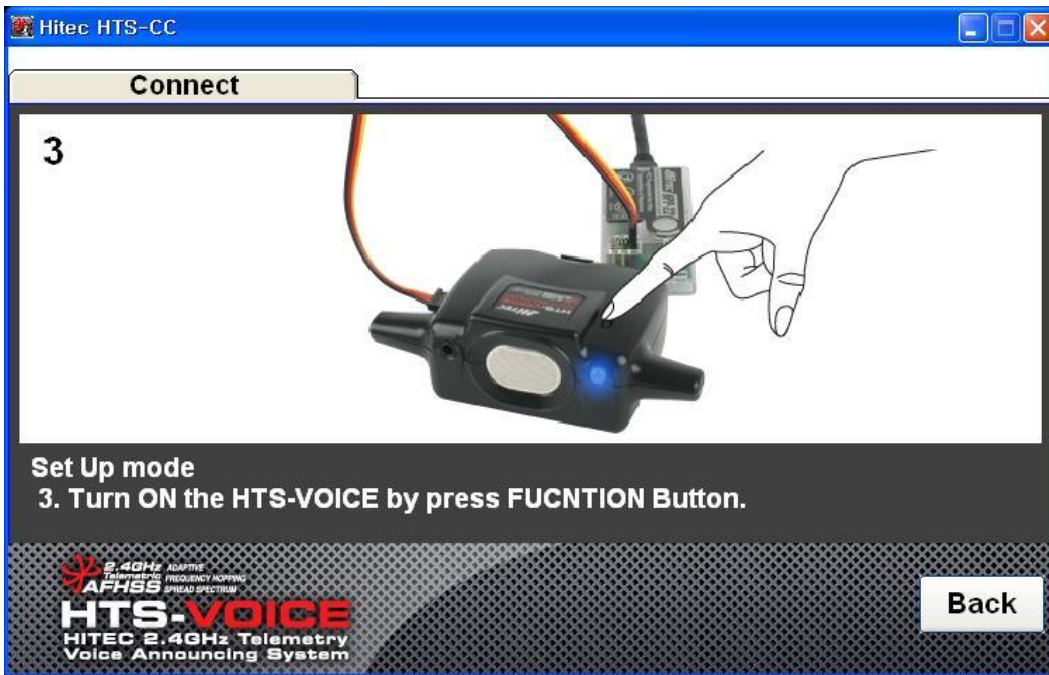
4. Connect HTS-VOICE and run the program. The screen will appear as shown below once the program is executed properly. Click on "HTS-VOICE Function" on the lower right side, select "Set Up" and click on the picture of HTS-VOICE.

2

Select Action then Click on the HTS-Voice

1

Follow the instructions on the screen to connect HPP-22 to HTS-VOICE.

(1) Connect 3-pin connector cable included in HPP-22 to P1 channel of HPP-22.
(2) Connect the other side of the cable to either data channel of HTS-VOICE.
(3) Press the FUNCTION button to turn on HTS-VOICE.
(4) LED on HTS-VOICE will blink 3 times and the firmware screen will appear.

HTS-VOICE Set-Up screen is divided into three sections: Mode selection, Announcing On/Off and Warning Selection.

I. Mode Selection Set-up
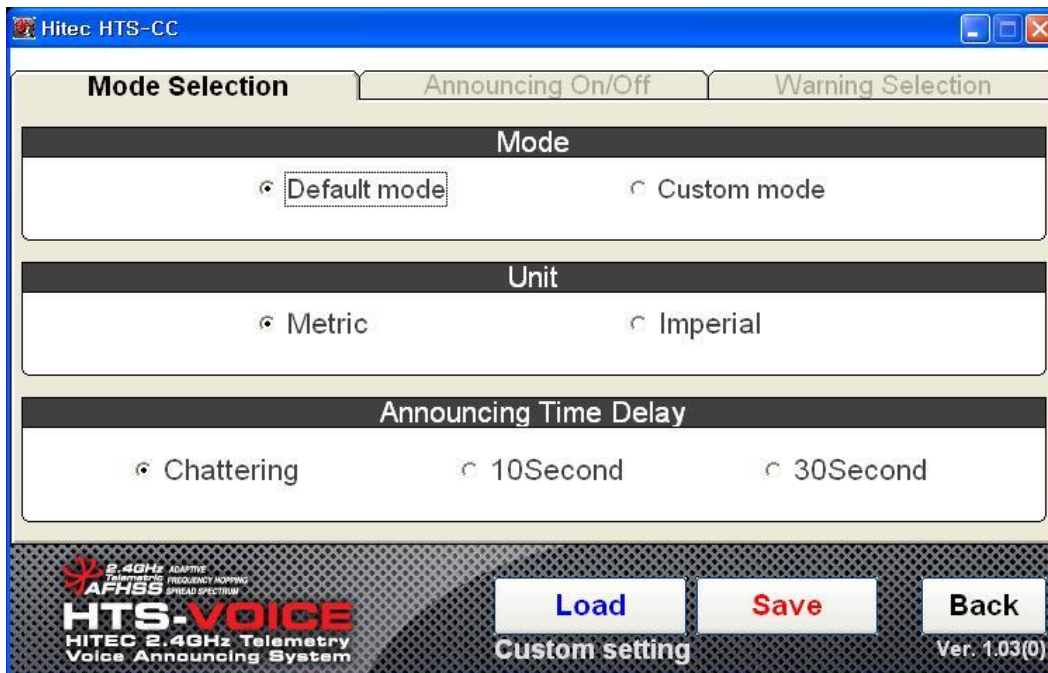
(1) Mode
    1. Default mode
    ⇨ Default Mode will return all settings to return to its initial settings. In this mode, warning functions can't be issued and every sensor value is announced.
    2. Custom mode
    ⇨ When "Custom mode" is selected Announcing Mode, Warning Selection features are activated. Users can choose which data to announce and set up warning features to ring the alarm at a selected value.

(2) Unit
    1. Metric mode
    ⇨ Sensor values are given in Celsius (temperature), meters (altitude) and km/h (speed).
    2. Imperial mode
    ⇨ Sensor values are given in Fahrenheit (temperature), feet (altitude) and mph (speed).

(3) Announcing Time Delay
    1. Chattering mode
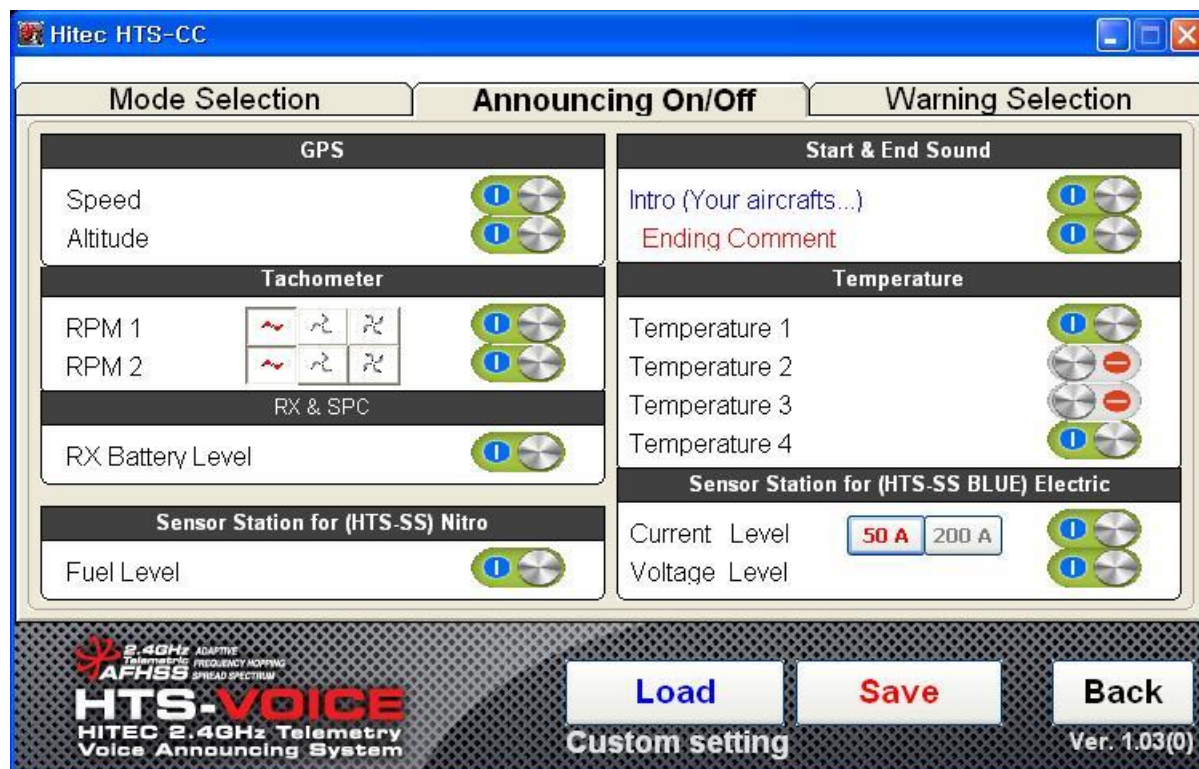   ⇨ Measured values are announced continuously.
    2. 10 Second mode
    ⇨ Values are announced every 10 seconds.
    3. 30 Second mode
    ⇨ Values are announced every 30 seconds.

II. Announcing On/Off Set-up
Users can customize the program to hear only the data they choose by turning on/off each function.

(1) Turning ON/OFF voice announcements of each sensor
⇨ Pressing each button once will change ON ➔ OFF, OFF➔ ON.

Function activated (ON)　　　　　　　**Function deactivated (OFF)**

(2) RPM set-up
⇨ Set-up the RPM according to the number of propeller blades for accurate measurements.
⇨ Click on the icon that describes your model

2 propeller blades　　　　　　　**3 propeller blades**
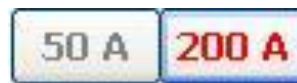

4 propeller blades

(3) HTS-C50 or HTS-C200 set-up
⇨ You will need to have the proper setting for the installed sensor to measure current accurately.
⇨ Click on the icon to select. When the feature is activated, it will change to red as shown.


When using HTS-C50　　　　　　　**When using HTS-C200**

CAUTION: If the set-up for the current sensor is done incorrectly, the product may malfunction. Be sure to check whether the installed sensor and the set-up coincide.

III. Warning Selection Set-up:
The last set-up tab is the Warning Selection. This allows the user to input values to allow for a warning signal to go off when the measurement reaches a critical level.
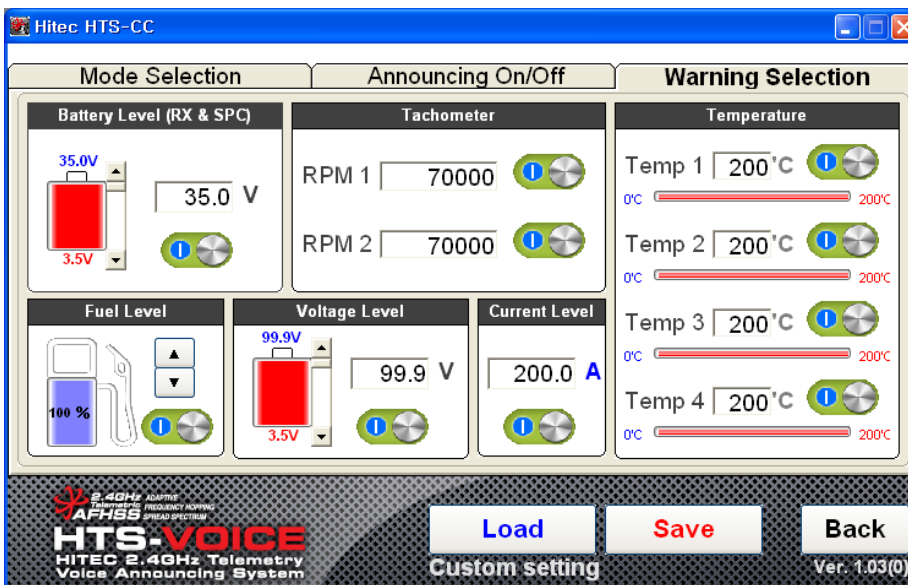
(1) Battery Level (RX & SPC)
- ⇨ A warning signal can be set up to alert the users when the voltage of the RX battery or SPC on 2.4 GHz receiver, Optima series reaches a certain level.
- ⇨ The user can input any value he chooses or click on the arrow by the picture to adjust the set value. Use the activation switch to turn this function ON or OFF.
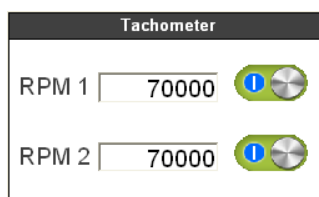
Set-up range is from 3.5v to 35v
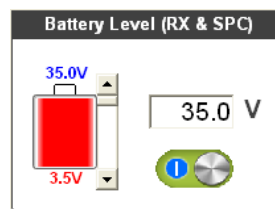
(2) Tachometer (RPM sensor)
- ⇨ A warning signal can be set up to alert the users when the RPM sensor(s) reach a certain level.
- ⇨ The user can input any value he chooses and use the activation switch to turn this function ON or OFF.
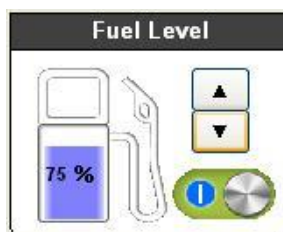
Set-up range: 0~70,000

(3) Fuel Level = For Glow Fuel engine powered planes
- ⇨ A warning signal can be set up to alert the users when the fuel level sensor reaches a certain level.
- ⇨ The user can select one of the four levels or use the activation switch to turn this function ON or OFF.
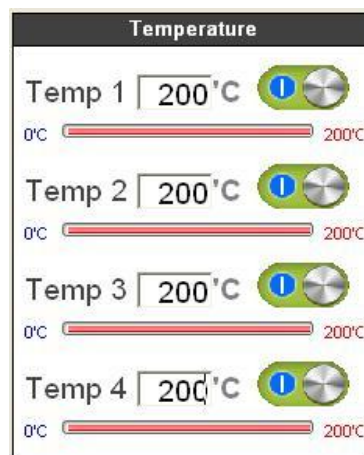
Set-up range: 25%, 50%, 75%, & 100%

(4) Temperature
- ⇨ A warning signal can be set up to alert the users when the temperature sensor(s) reach a certain level.
- ⇨ The user can input any value he chooses or use the activation switch to turn this function ON or OFF.

**Set-up range: 32~392 Degrees Fahrenheit**
or 0~200 degrees Celsius

NOTICE: Temperature (Celsius) below zero can be announced, but it can't be set for warning alerts.

(5) Voltage Level
 ⇨ A warning signal can be set up to alert the users when the voltage sensor reaches a certain level.
 ⇨ The user can input any value he chooses or click on the arrow by the picture to adjust the set value. Use the activation switch to turn this function ON or OFF.
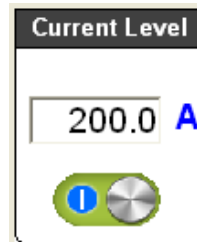
Set-up range: 3.5v ~ 99.9v

Voltage Level

99.9V

99.9 V

3.5V
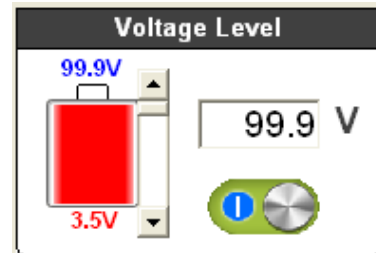
(6) Current Level
 ⇨ A warning signal can be set up to alert the users when the current sensor reaches a certain level.
 ⇨ The user can input any value he chooses and use the activation switch to turn this function ON or OFF.

Set-up range
HTS-C50 => 0A ~ 50A (To one decimal place)
HTS-C200 => 0A ~ 200A (To one decimal place)

Current Level

200.0 A

(7) Save and load the set-up data
 ⇨ The user must save the final set-up data for it to be applied to HTS-VOICE. The user can load the data to check the set-up values on the computer screen.
 ⇨ Click on the "Save" icon to save the data and click on the "Load" button to load the set-up data.

Save   **Load**

Save the set-up data   **Load the set-up data**

(8) Ending the PC program
 ⇨ The HTS-VOICE exchanges data by being connected to a computer, so it is imperative to end the program properly to protect the data and the product.
 ⇨ Click on the "Back" button to end the program and the LED on the HTS-VOICE will go off.

Disconnect HTS-VOICE by clicking the   **Back**   **Button**