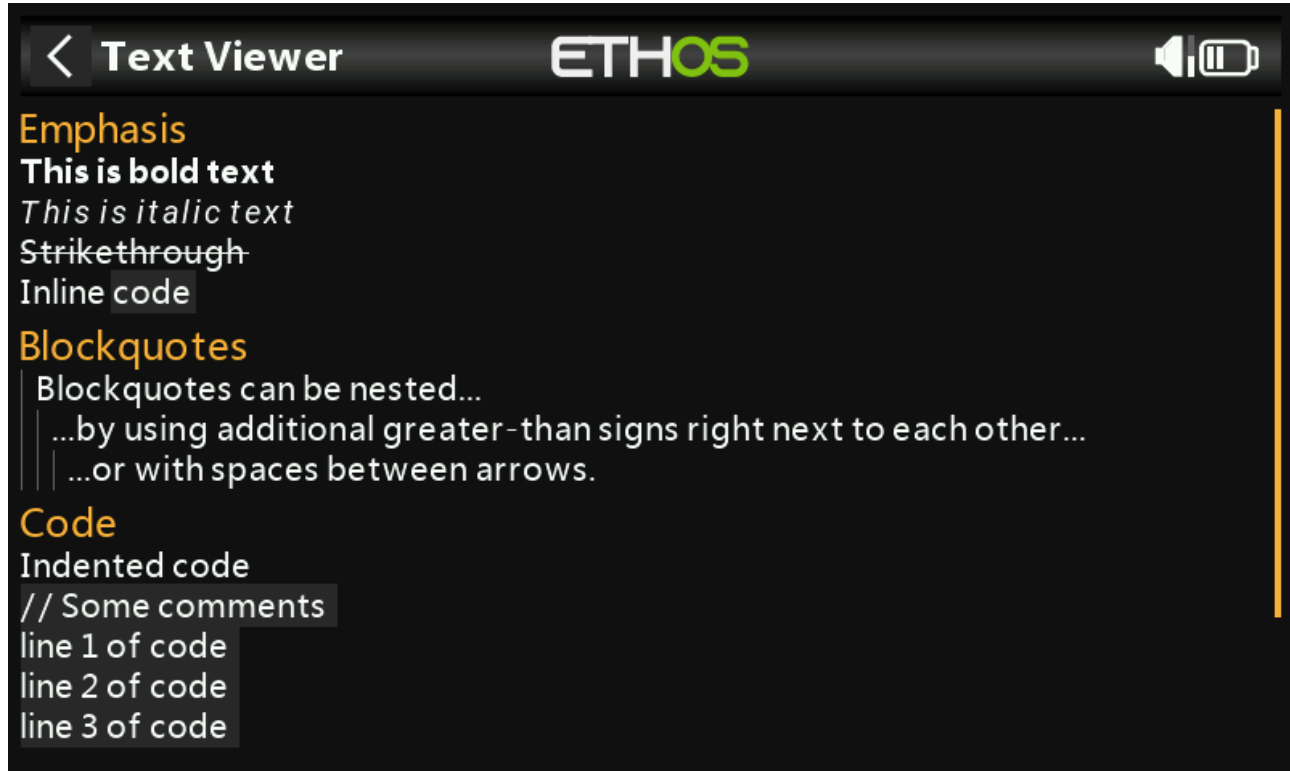


Ethos 1.5 new features

Text Viewer

Viewer for .txt (text) files, but also for .md (markdown) files



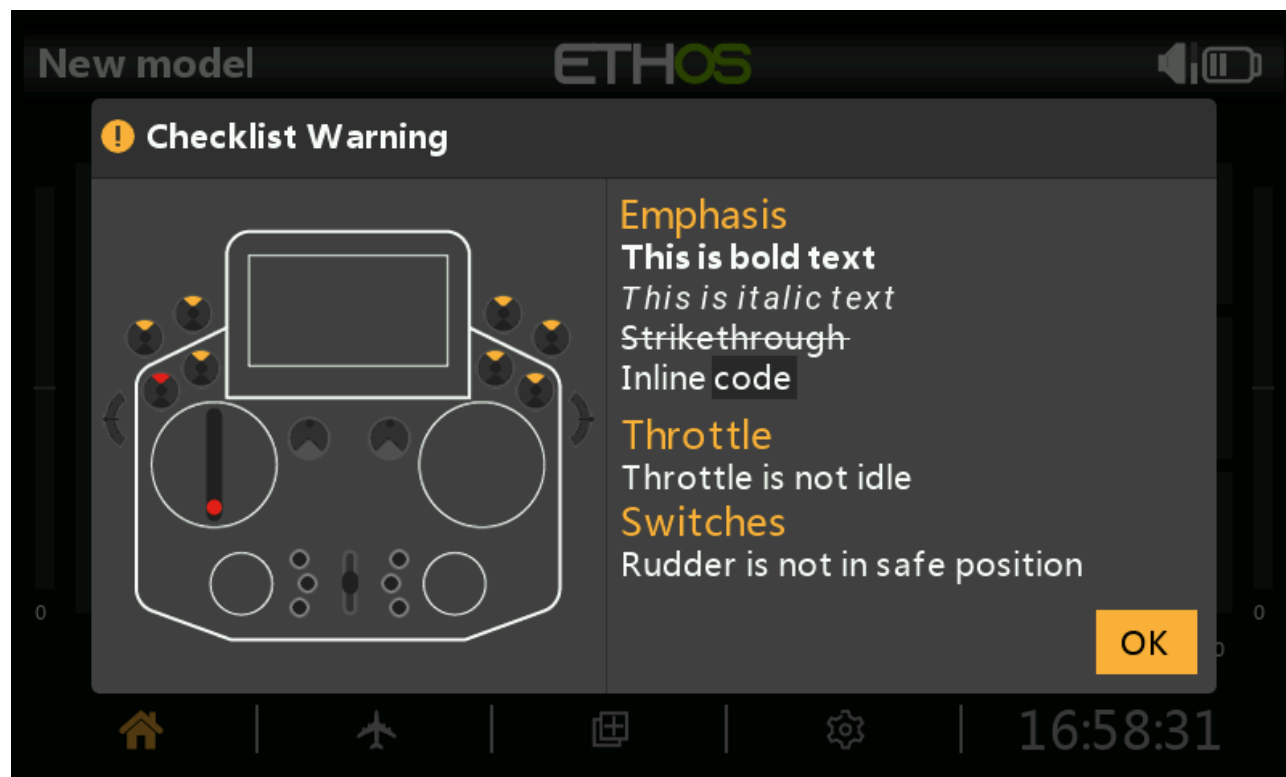
Text widget

.txt (text) or .md (markdown) files can be displayed inside the Text widget



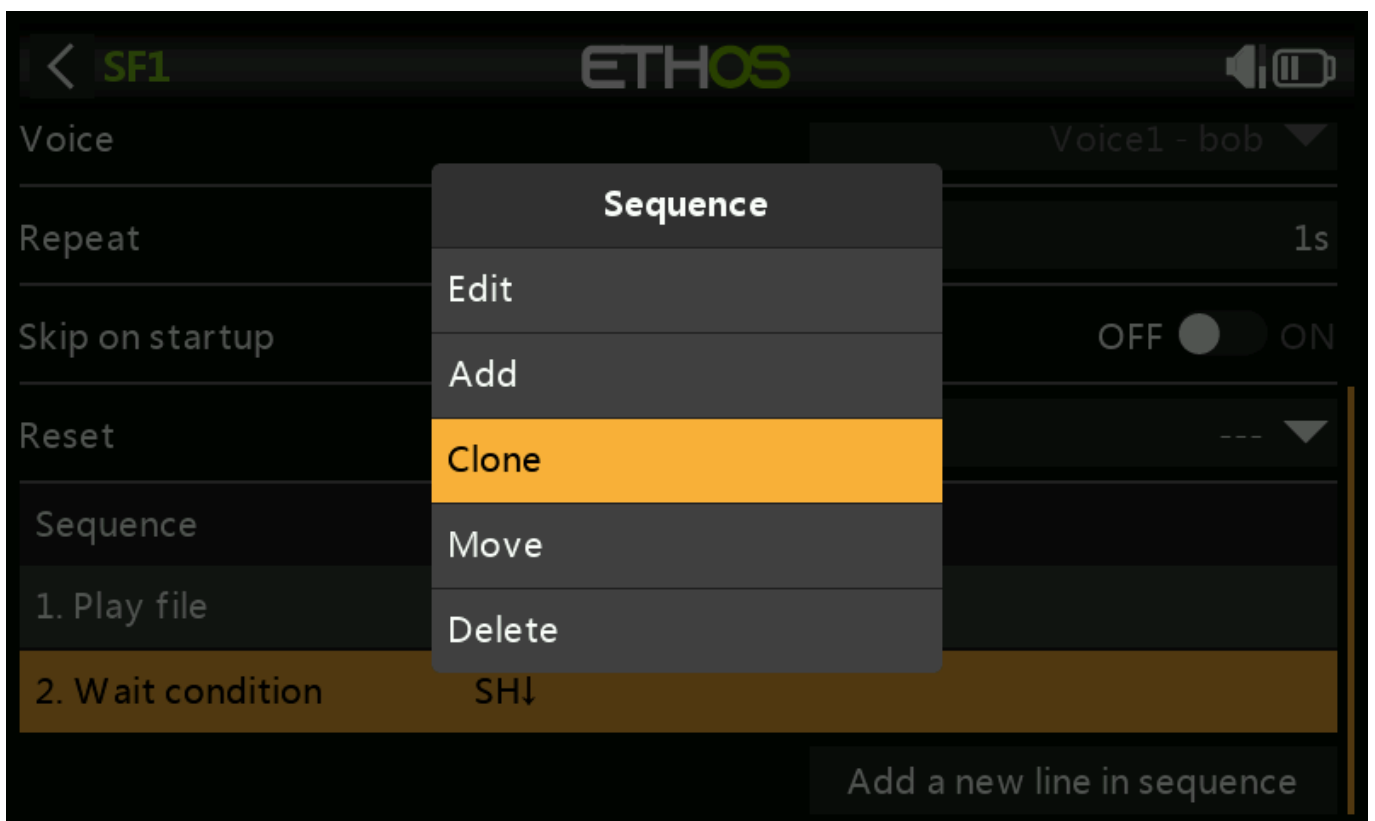
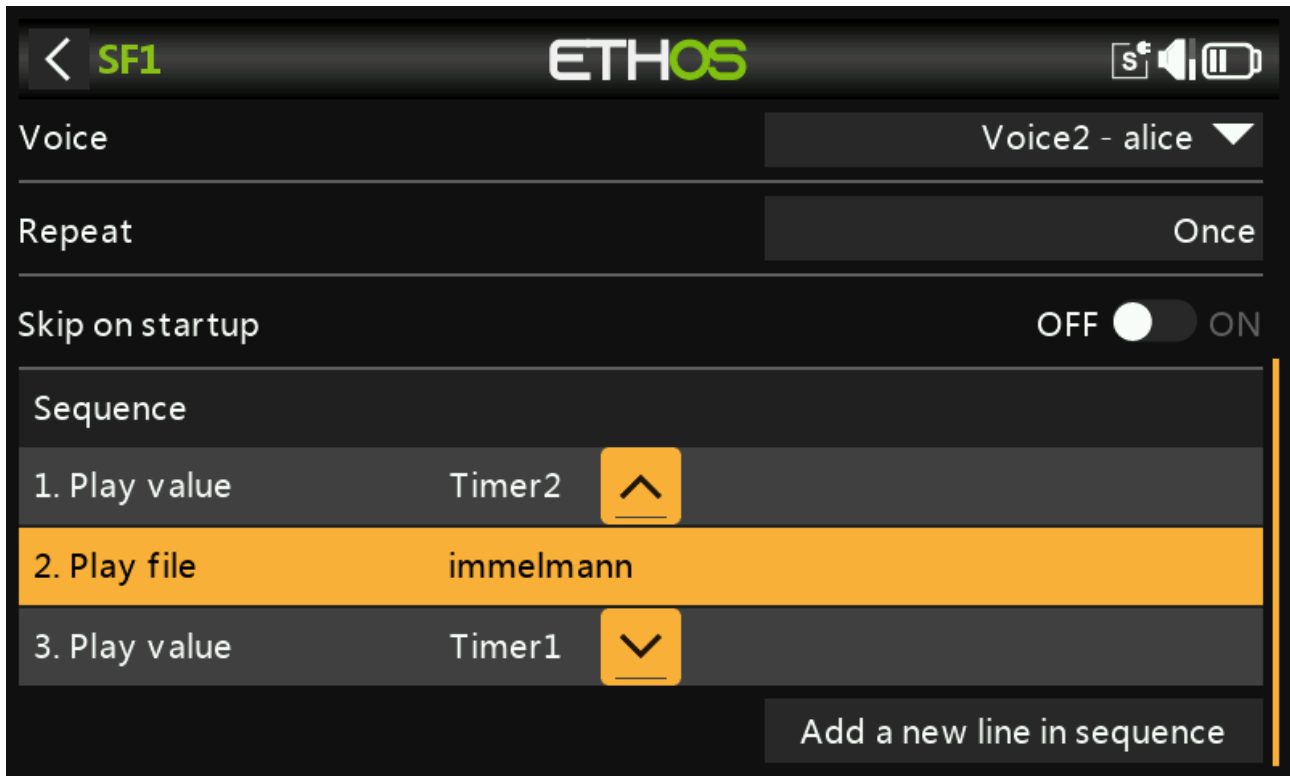
Custom checklist

.txt (text) or .md (markdown) files displayed in Checklists



Play audio to play audio sequences

Values and Files can be played in sequence within the same function, their order is easily modifiable and cloneable



Conditions (Source or Duration) may be inserted inside the sequence so that the next prompt is played once the condition is true (i.e. to play IMAC sequences)

The screenshot shows the ETHOS app interface for a sequence named 'SF1'. The sequence consists of six steps:

Step	Action	Condition
1.	Wait condition	SH↓
2.	Play file	brakes-off
3.	Wait condition	SH↓
4.	Play file	brakes-on
5.	Wait condition	SH↓
6.	Play file	butterfly-on

At the bottom right, there is a button labeled 'Add a new line in sequence'.

And it's possible to configure a Reset condition which restarts the sequence from the beginning at any moment.

The screenshot shows the configuration options for the 'SF1' sequence in the ETHOS app:

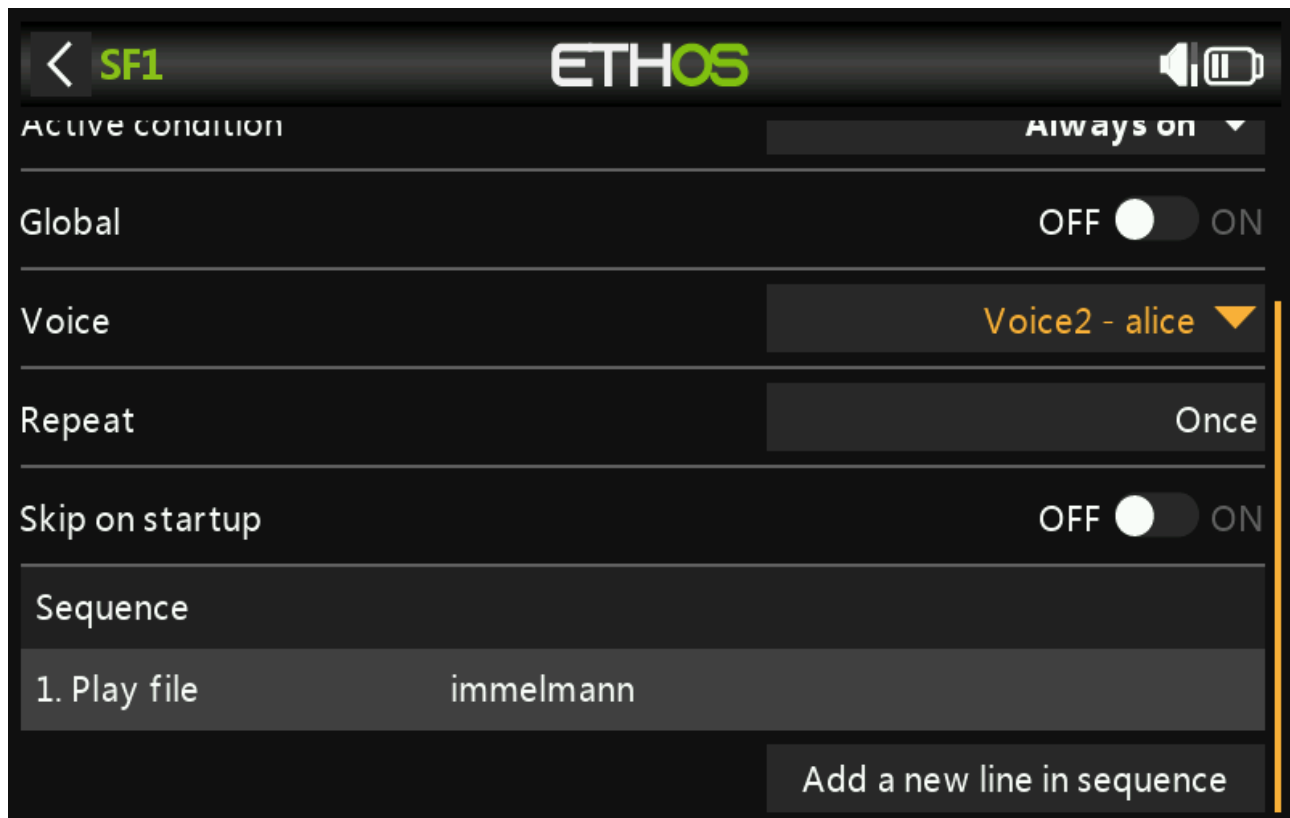
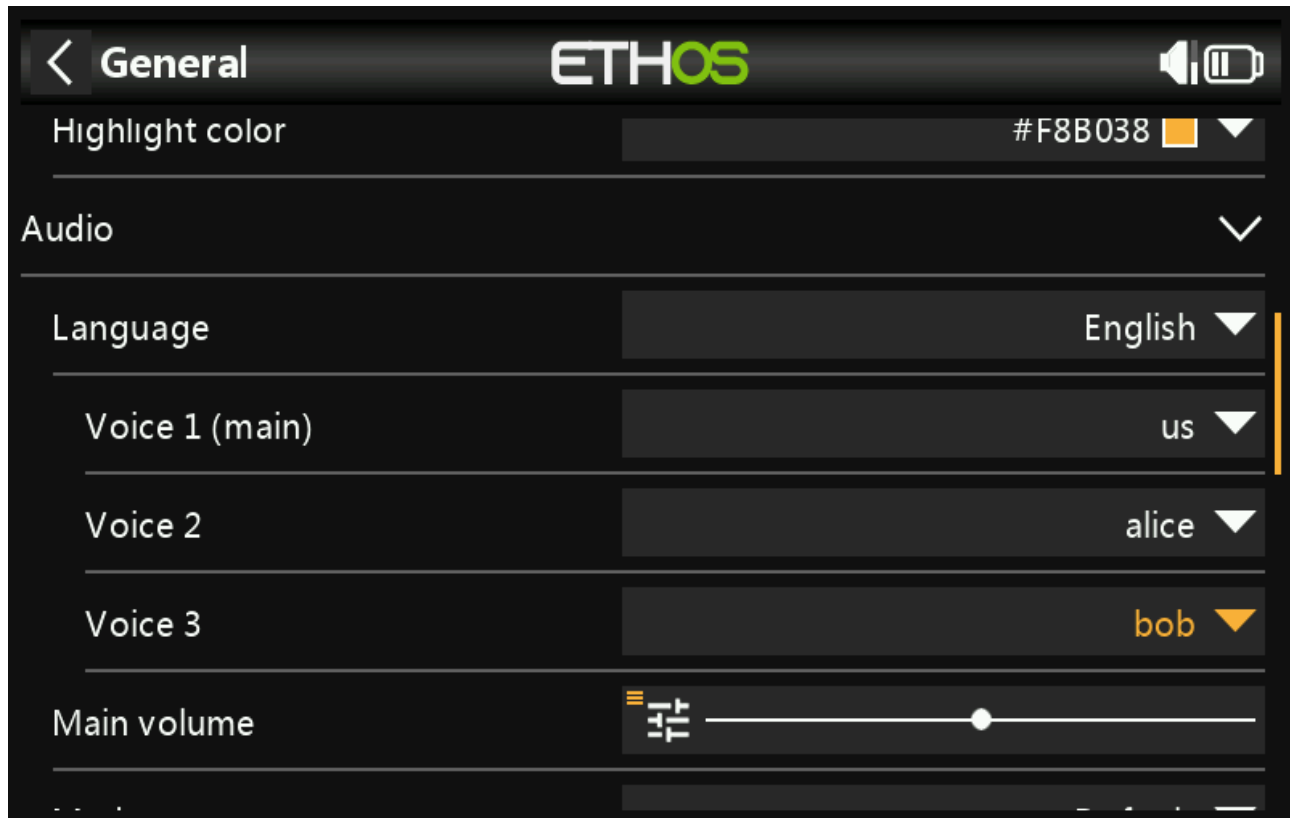
- Repeat:** 1s
- Skip on startup:** OFF (toggle switch)
- Reset:** SF↓ (dropdown menu)

Below these options, the sequence steps are visible:

Step	Action	Condition
1.	Wait condition	SH↓
2.	Play file	brakes-off
3.	Wait condition	SH↓
4.	Play file	brakes-on

Multiple voices

Up to 3 voices allowed, system wide. The main voice is used for system prompts, but the other voices can be chosen for the Play audio function or Timer audio actions.



Value 00:00:00

Proportional timing source --- ▾

Reset --- ▾

Persistent OFF ON

Voice Voice3 - bob ▾

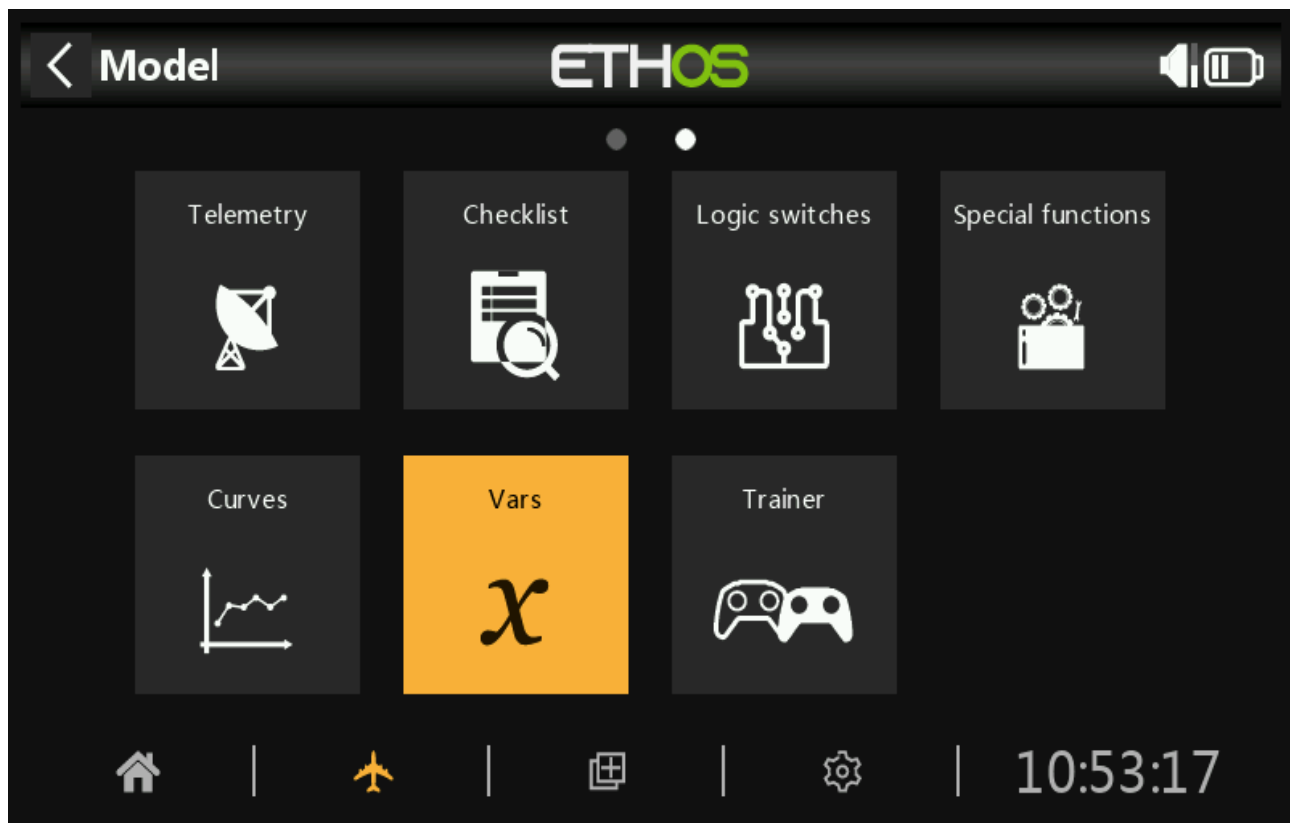
Audio actions

1. Countdown Start: 00:02:00 Step: 30s

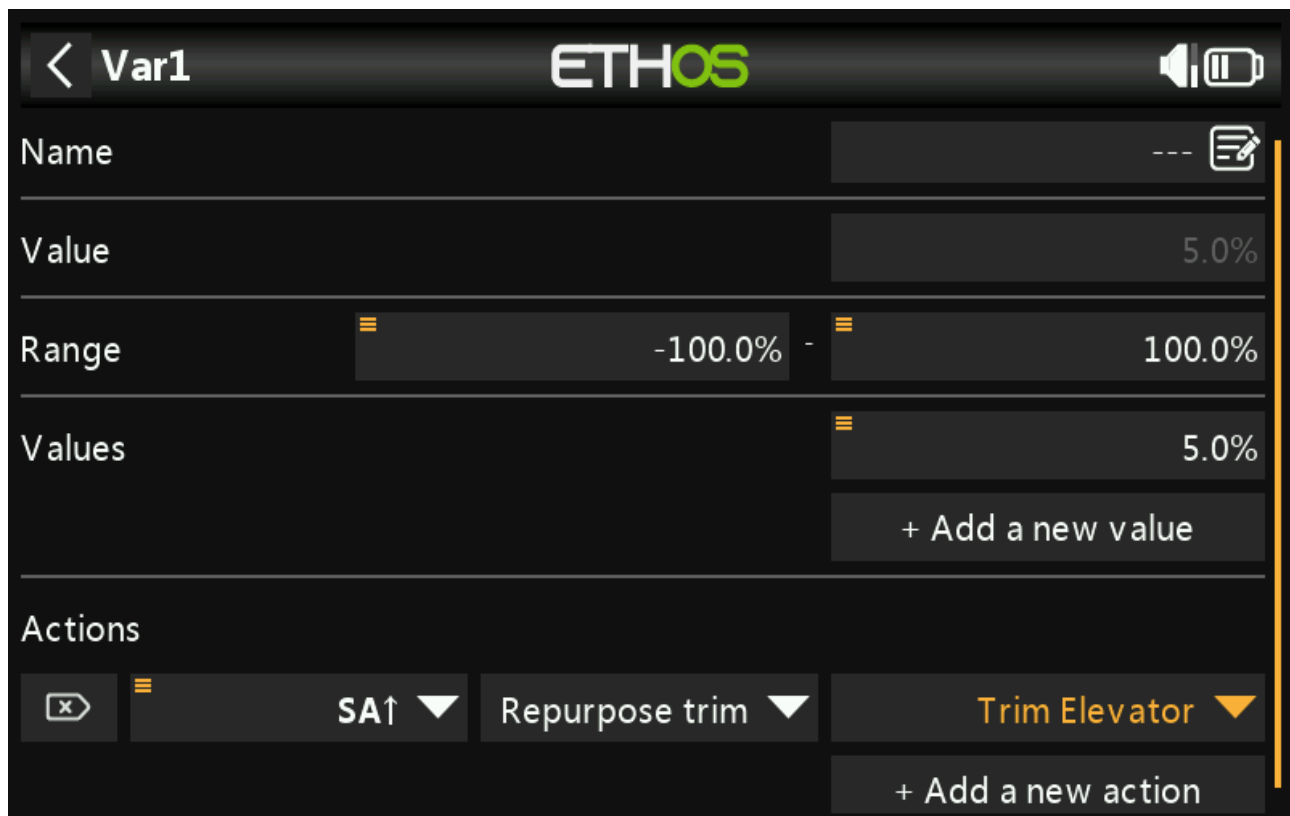
Add a new audio action

Vars


The «Var » mix has been removed and replaced by a new « Vars » module :





Up to 64 vars allowed, with multiple values per Var, and multiple actions to modify those values. The range can be driven by another Var.




Those Vars are available on all parameters where the « hamburger » icon appears.


< Ailerons **ETHOS** 

Name 


Active condition 

Curve 

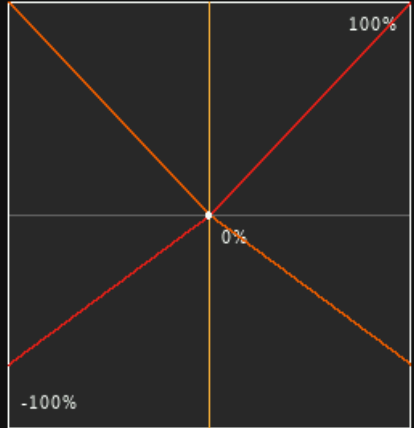
[+ Add a new curve](#)

Weight / Rates 


[+ Add a new weight](#)

Differential 


Trim OFF ON





And even in curves !

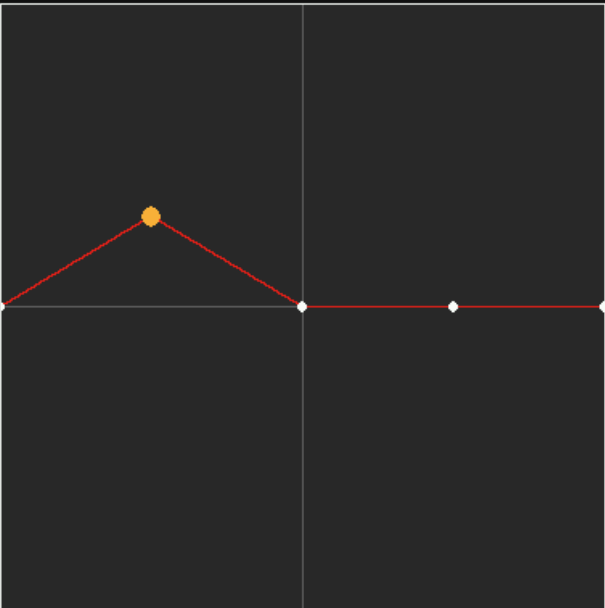
< Curve1 **ETHOS** 

easy mode

Offset 

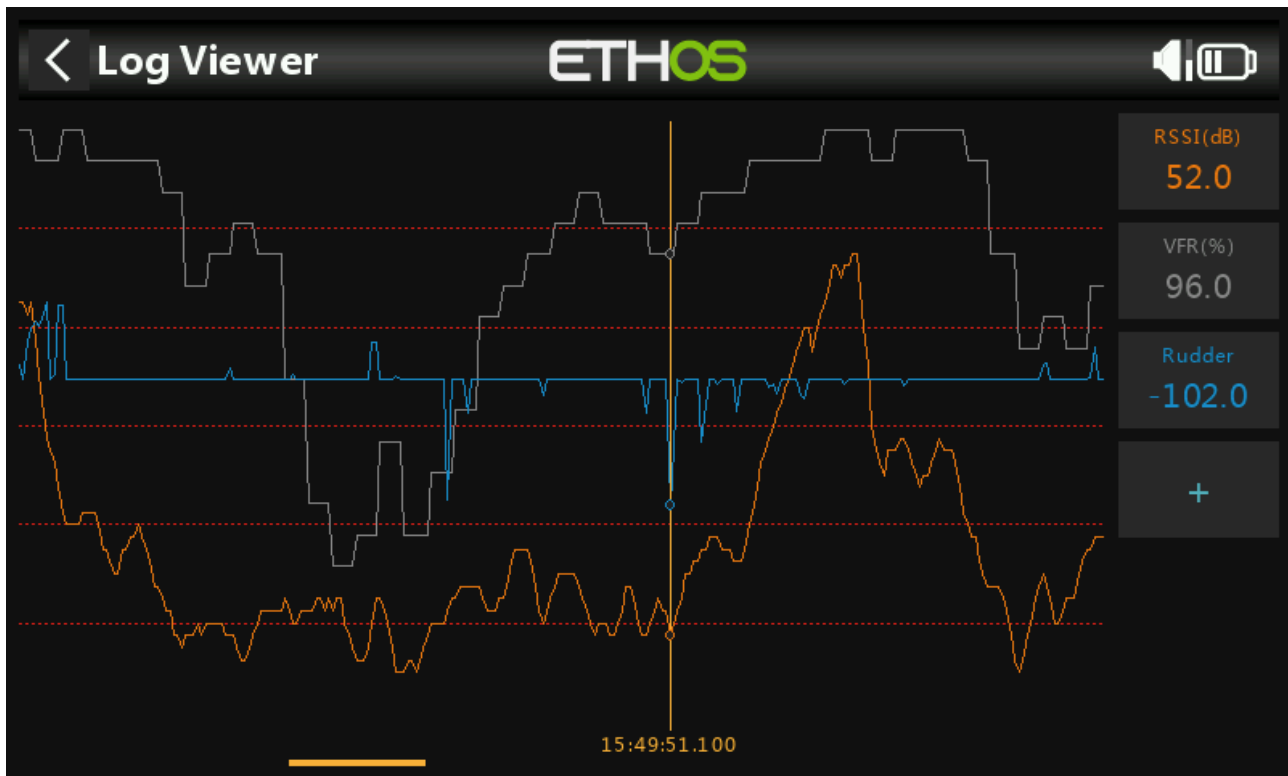
Points 

1.	<input type="text" value="-100%"/>	<input type="text" value="0%"/>
2.	<input type="text" value="-50%"/>	<input type="text" value="Var1"/> 
3.	<input type="text" value="0%"/>	<input type="text" value="0%"/>
4.	<input type="text" value="50%"/>	<input type="text" value="0%"/>
5.	<input type="text" value="100%"/>	<input type="text" value="0%"/>

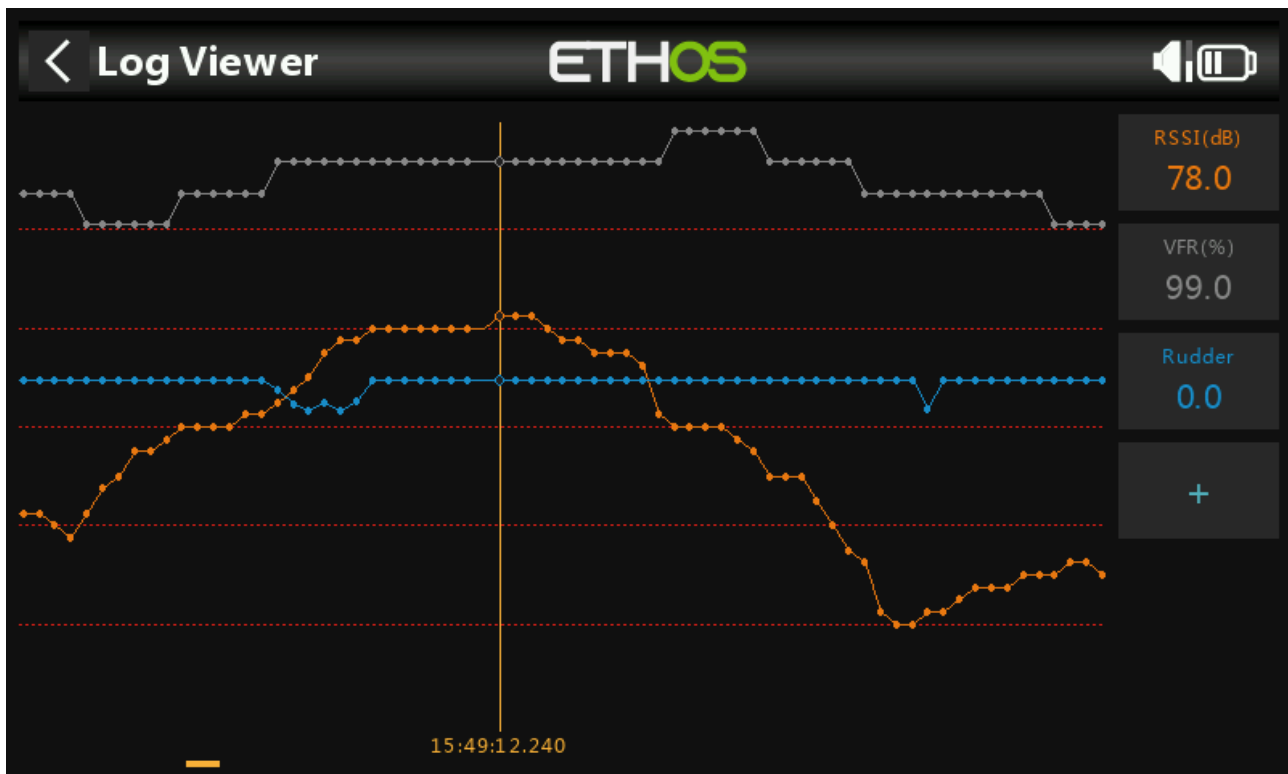


Log Viewer

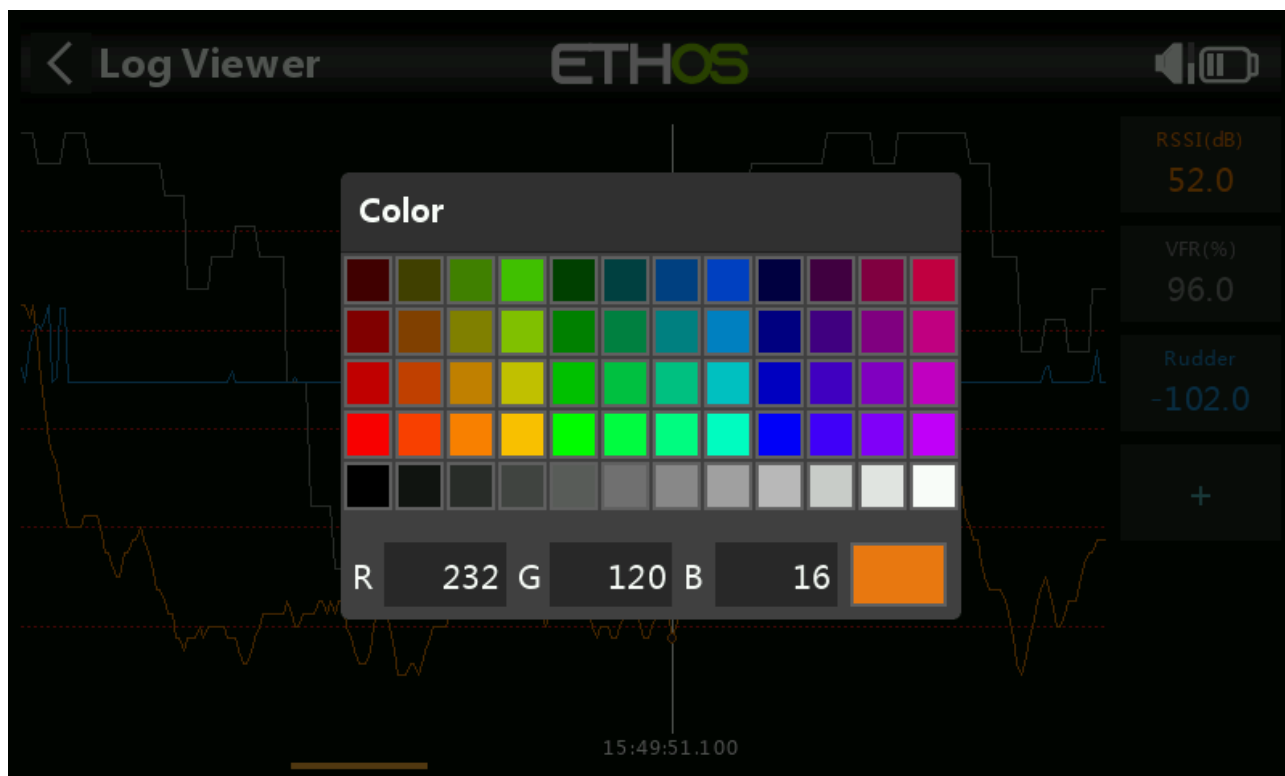
Multiple curves ...



With zoom ...



And custom colors ...



More powerful Free Mix

It was not possible to have multiple weights, or multiple curves inside the previous free mix. Also the actions order is now modifiable.

The screenshot shows the 'Free mix' configuration screen in the ETHOS application. The interface is dark-themed with green accents. At the top, there's a back arrow, the text 'Free mix', the 'ETHOS' logo, and system icons for settings, volume, and battery. Below the header, there are three main sections: 'Source' (set to 'Rudder'), 'Operation' (set to 'Add'), and 'Actions'. The 'Actions' section is a list of items, with the first one highlighted in orange. The first action is 'Always on' with a weight of 100%. Below it are 'Always on' with a curve of 'Expo(40%)' and 'Always on' with slow rates of '↑1.5s ↓1.0s'. At the bottom of the actions list is a '+ Add a new action' button. To the right of the actions list is a graph showing a red curve on a coordinate system. The y-axis is labeled from -100% to 100%, and the x-axis is labeled from 0% to 100%. The curve starts at (-100%, 0%) and ends at (100%, 100%), passing through the origin (0,0).

Always on	Weight	SA- 80%
Always on	Curve	SA↓ 60%
Always on	Slow	Otherwise 100%

Always on Curve Expo(40%)

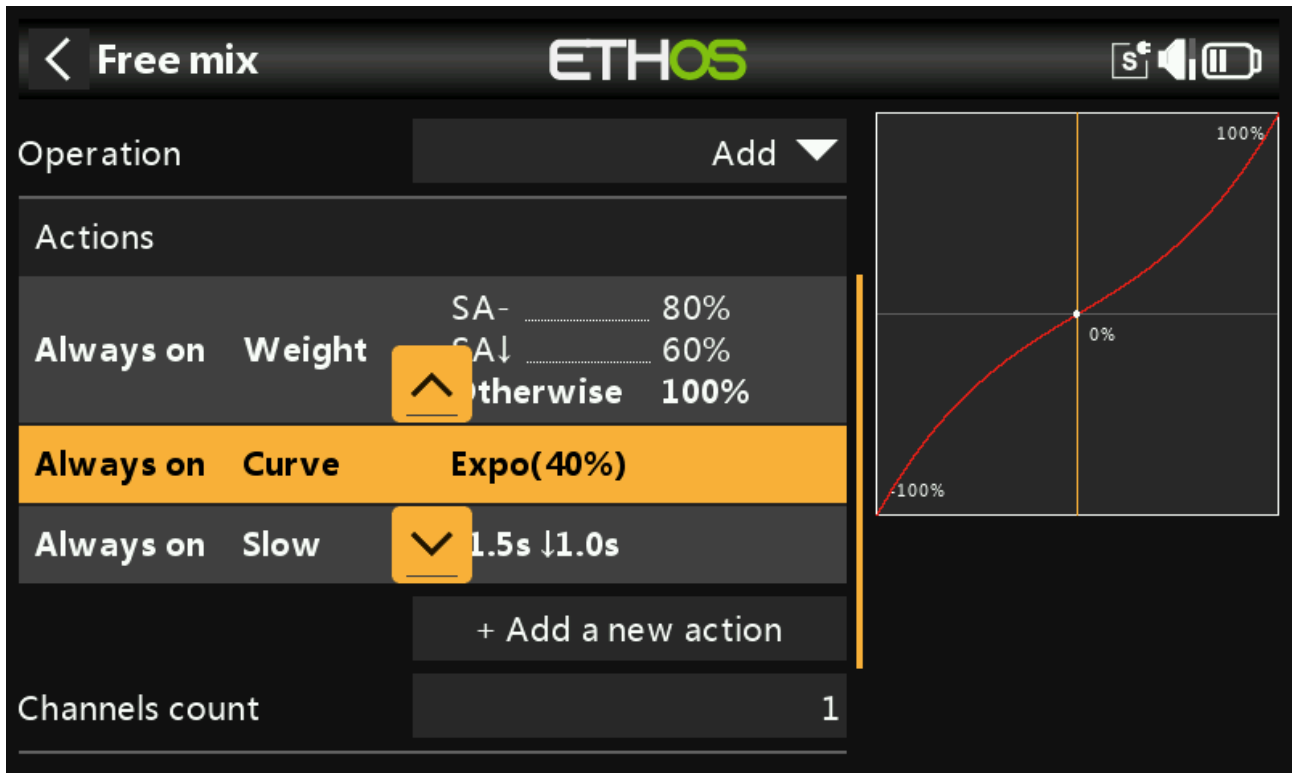
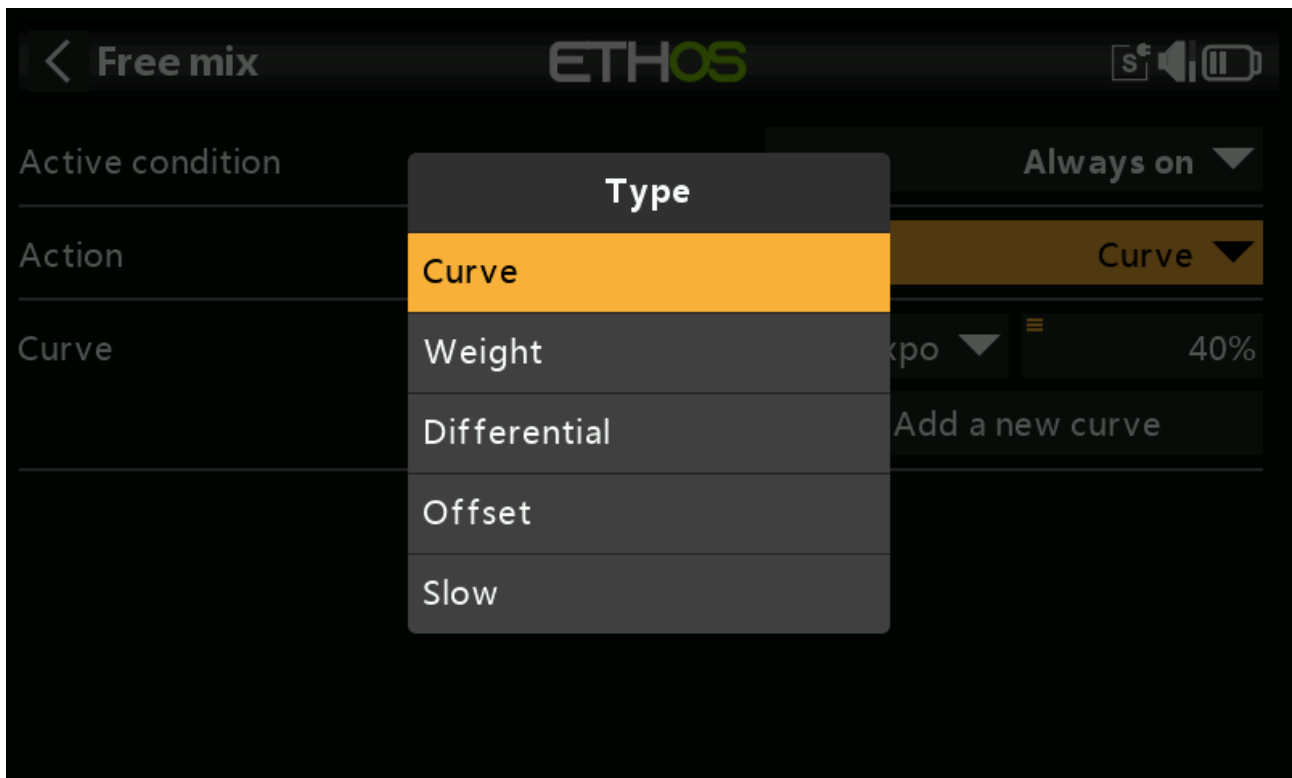
Always on Slow ↑1.5s ↓1.0s

+ Add a new action

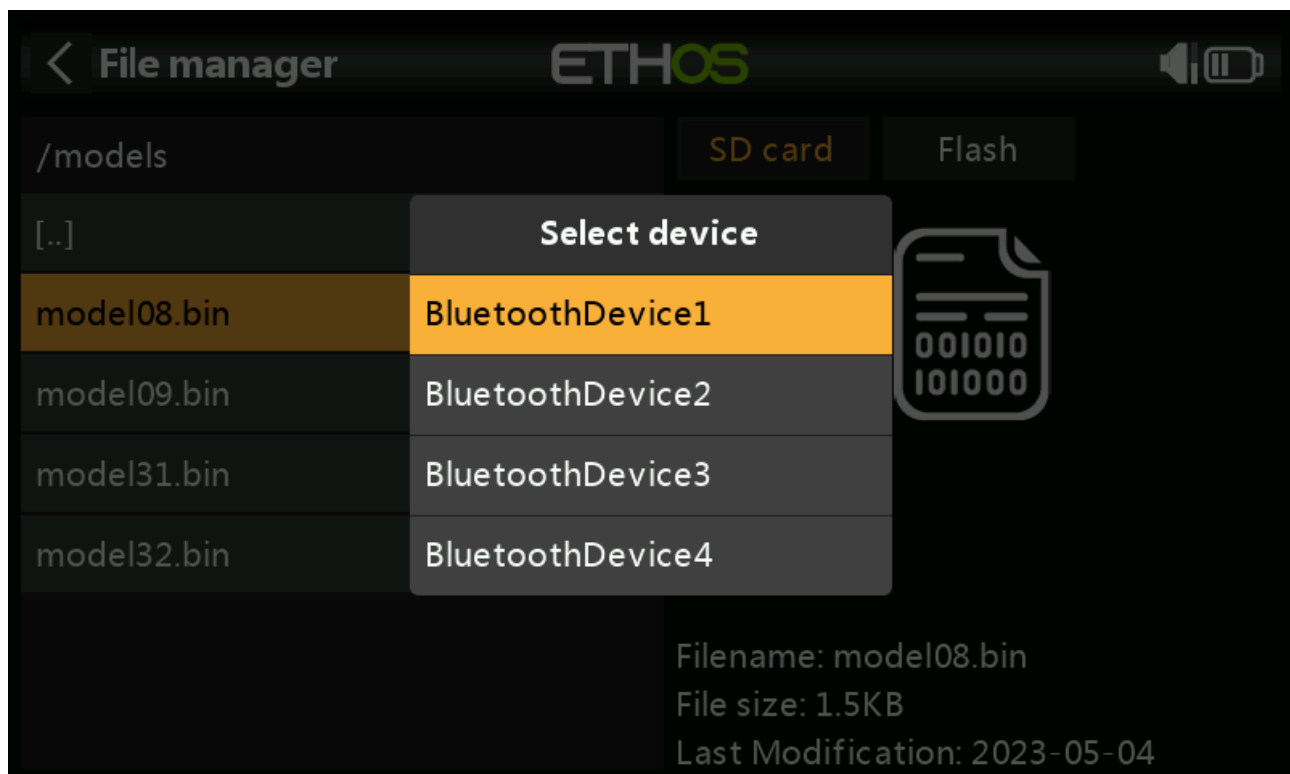
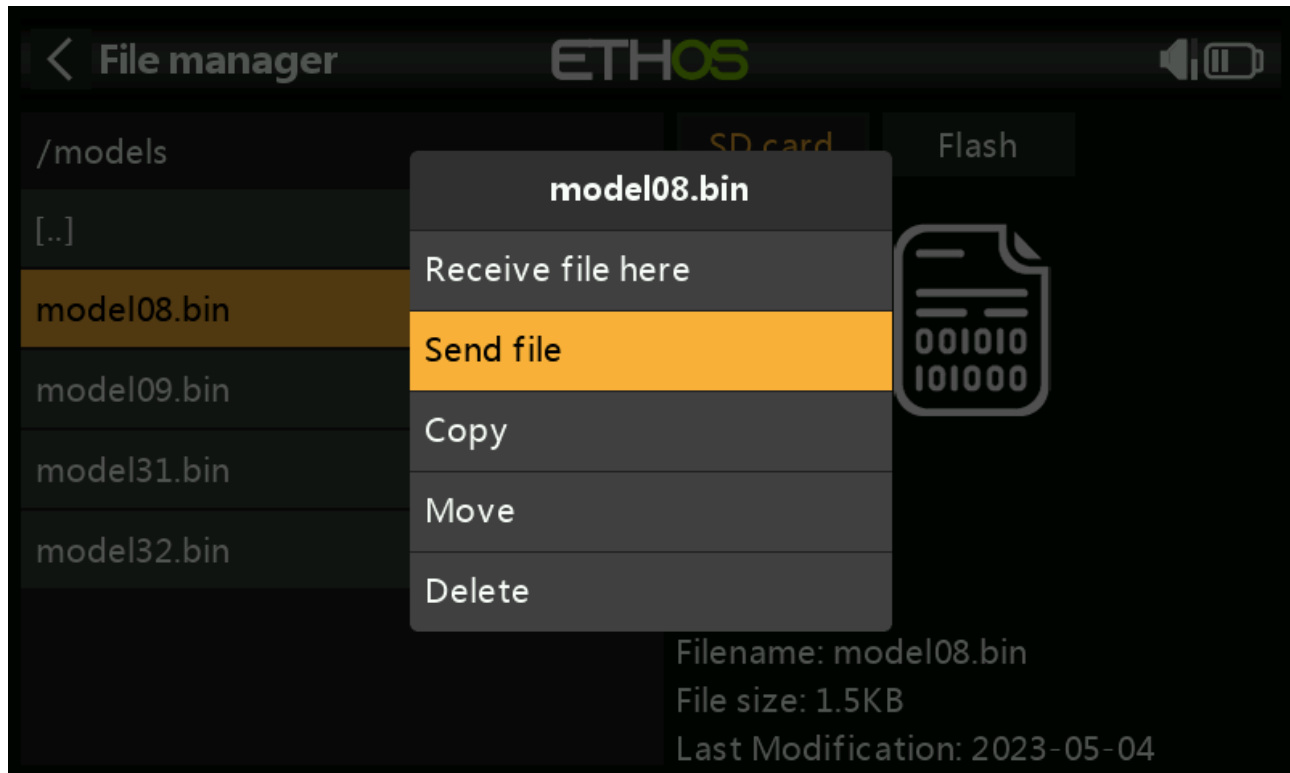
The screenshot shows the 'Free mix' configuration screen in the ETHOS application, focusing on the 'Weight / Rates' section. The interface is dark-themed with green accents. At the top, there's a back arrow, the text 'Free mix', the 'ETHOS' logo, and system icons for settings, volume, and battery. Below the header, there are three main sections: 'Active condition' (set to 'Always on'), 'Action' (set to 'Weight'), and 'Weight / Rates'. The 'Weight / Rates' section is a list of items, with the first one highlighted in orange. The first item is '100%'. Below it are '80%' and '60%'. At the bottom of the weights list is a '+ Add a new weight' button.

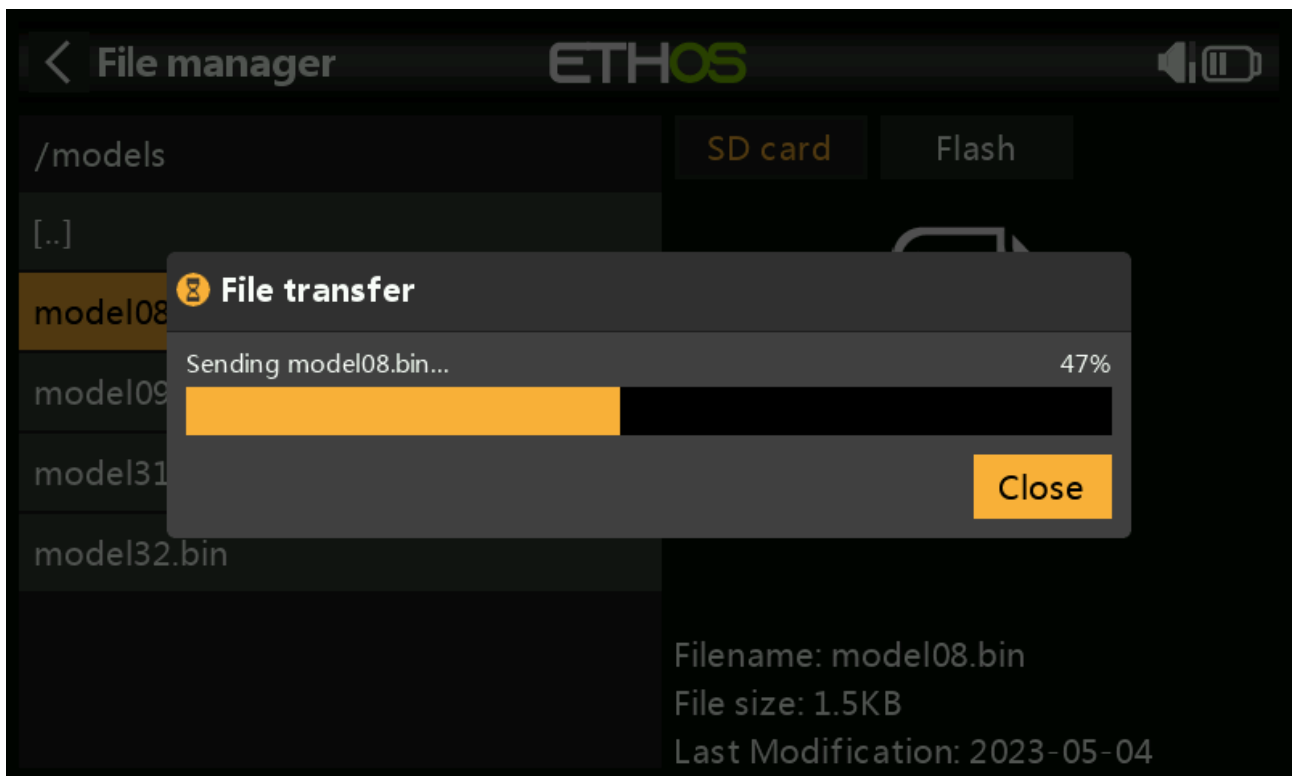
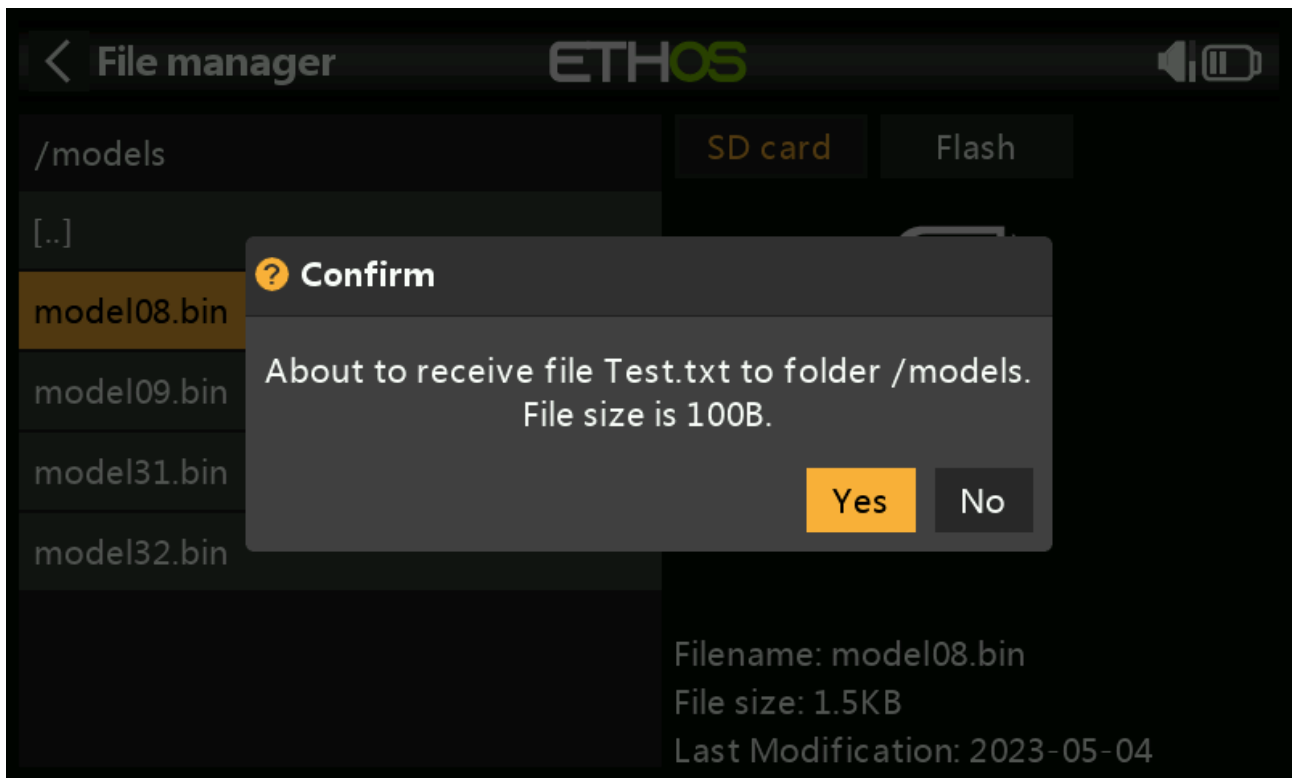
Active condition	Always on
Action	Weight
Weight / Rates	100%
SA- ▼	80%
SA↓ ▼	60%

+ Add a new weight

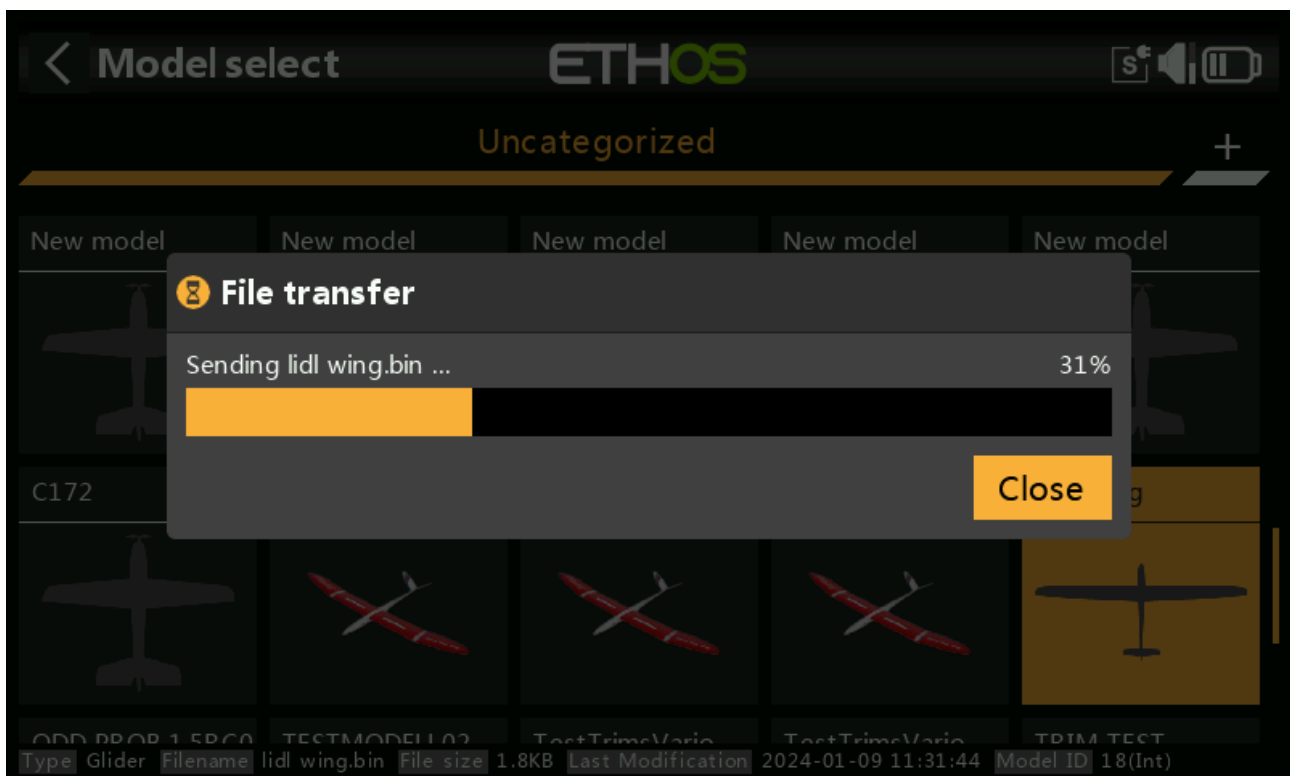
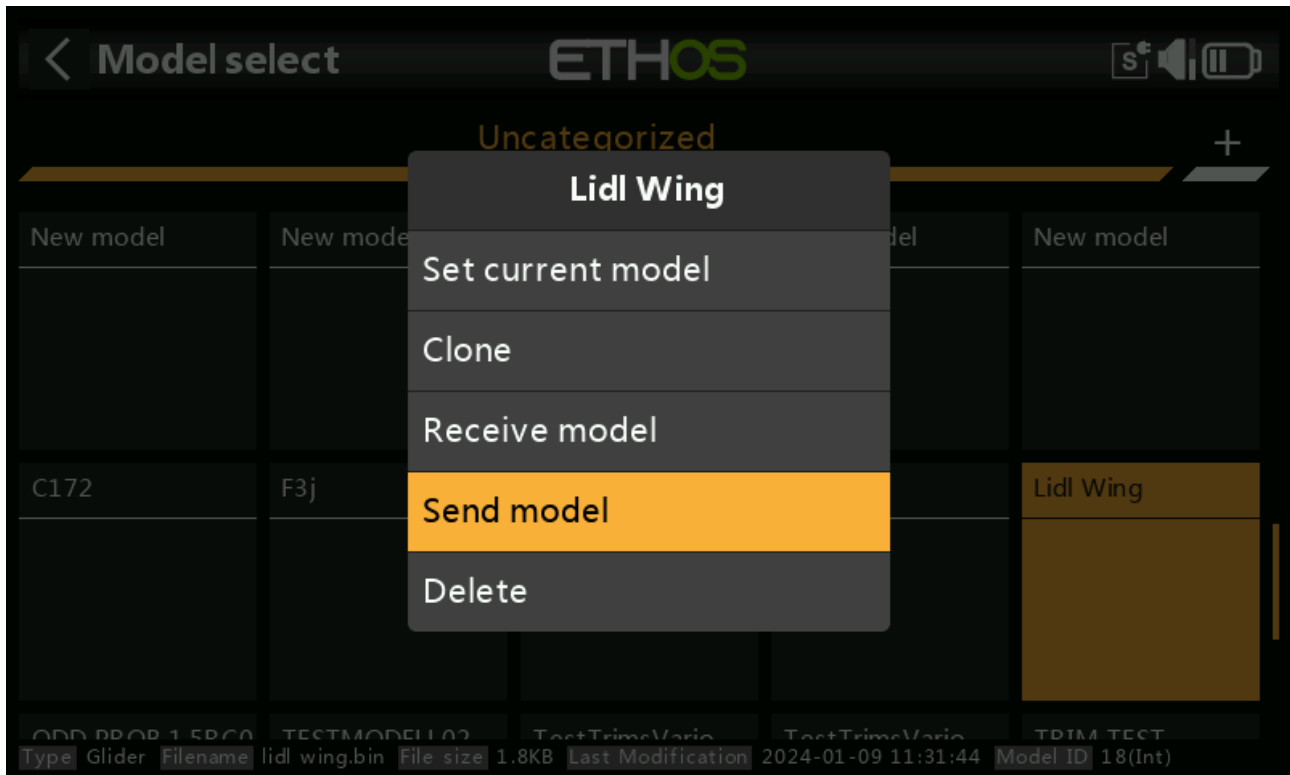


Bluetooth file transfer





Bluetooth model transfer

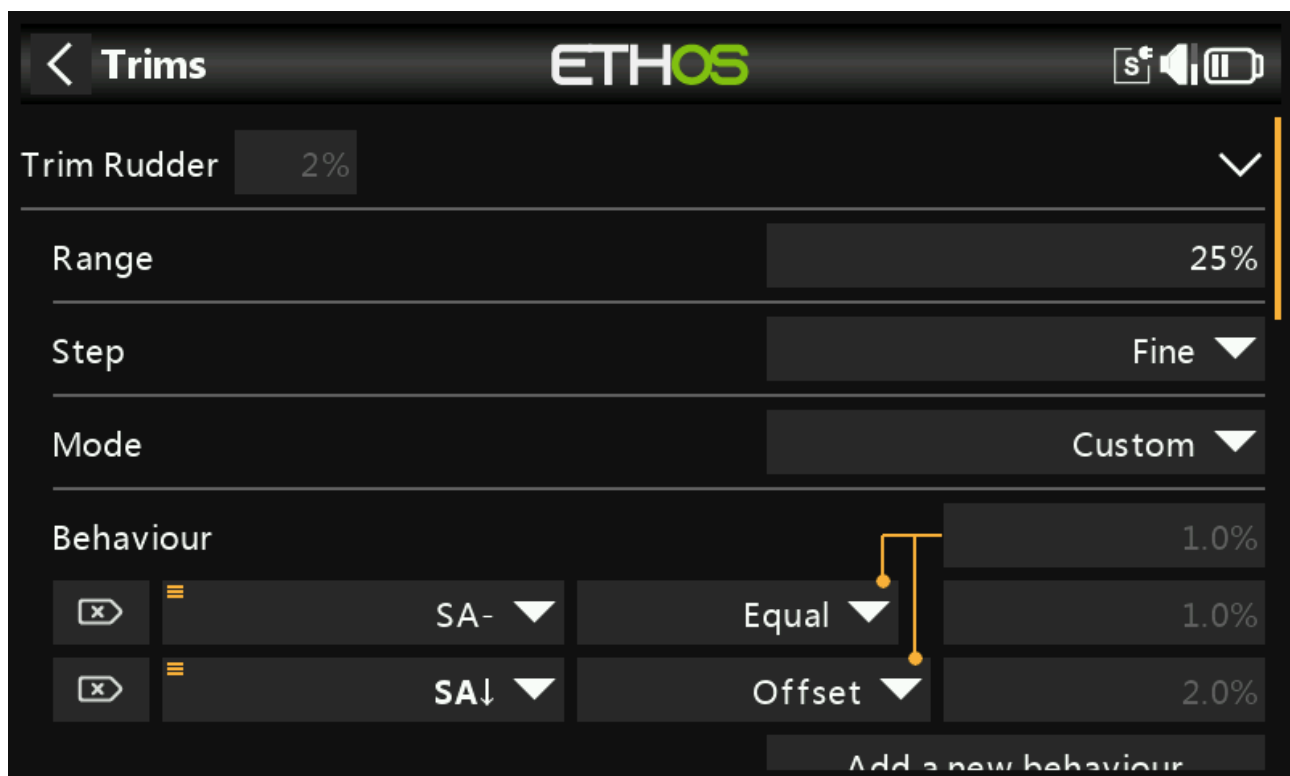
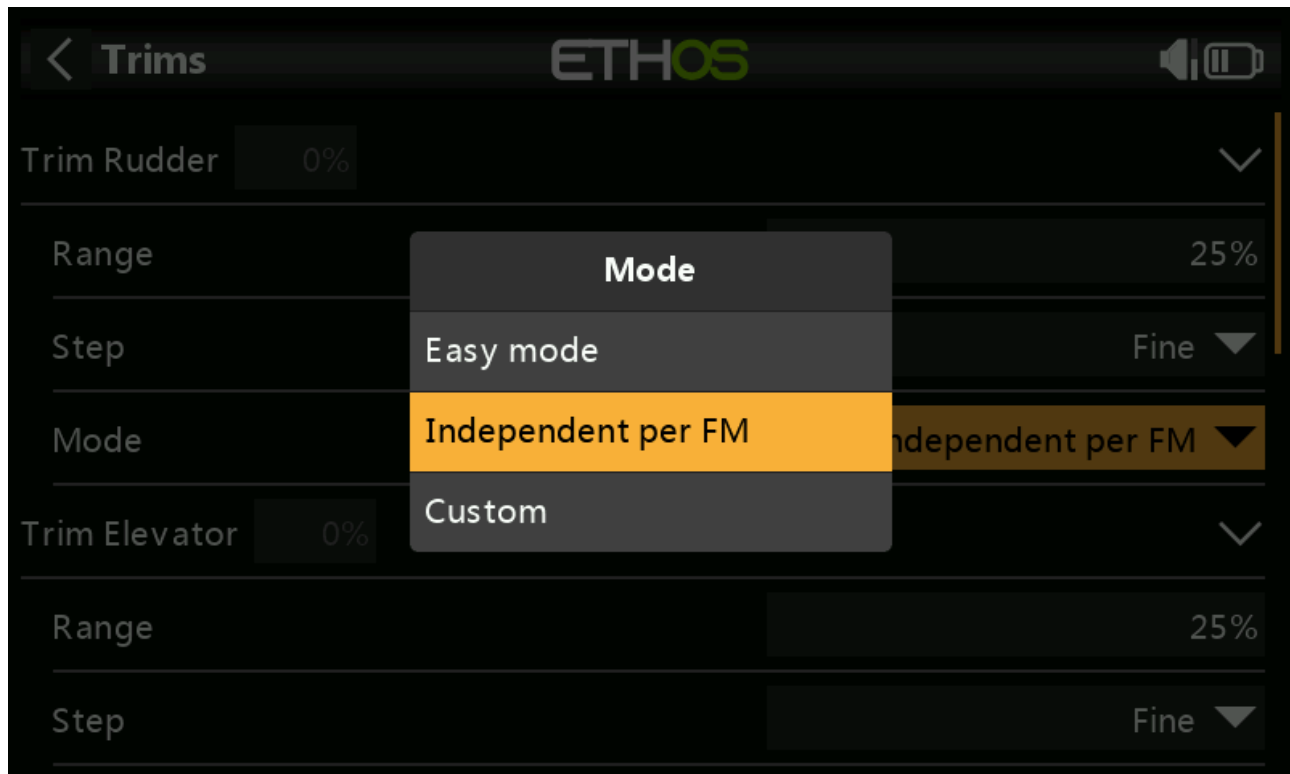


Enhanced Trims

The « Trim » mix has been removed and replaced by a better trim control :

3 modes allowed to control each trim :

- Easy mode : one value for all conditions
- Independent trim per flight mode
- Custom : with conditions and complex programming



5 extra trims can be used in addition to the « normal » 4 trims (6 on some radios). They benefit from the same features as the other trims and they have a condition for Up and Down

Extra trim 1 -25%



Name

XtraTrim

Delete

Up



SA↑

Down



SA↓

Range

25%

Step

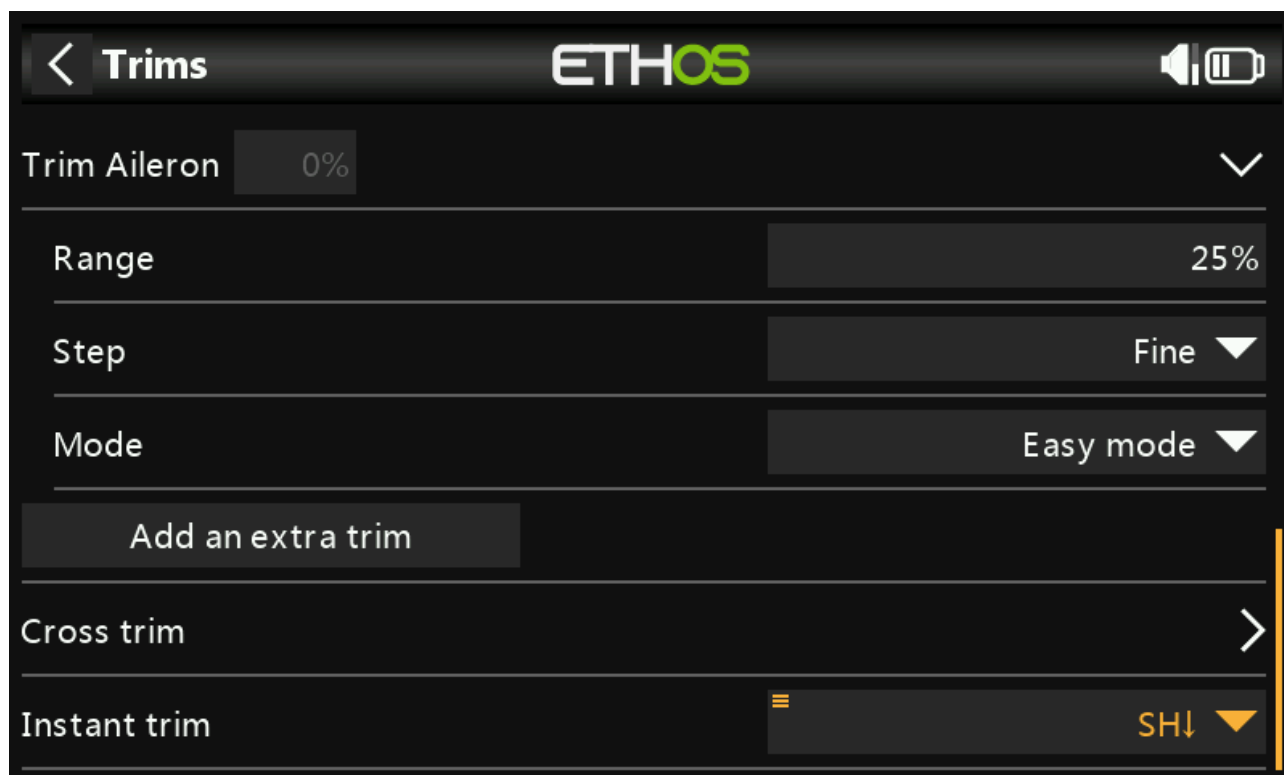
Fine

Mode

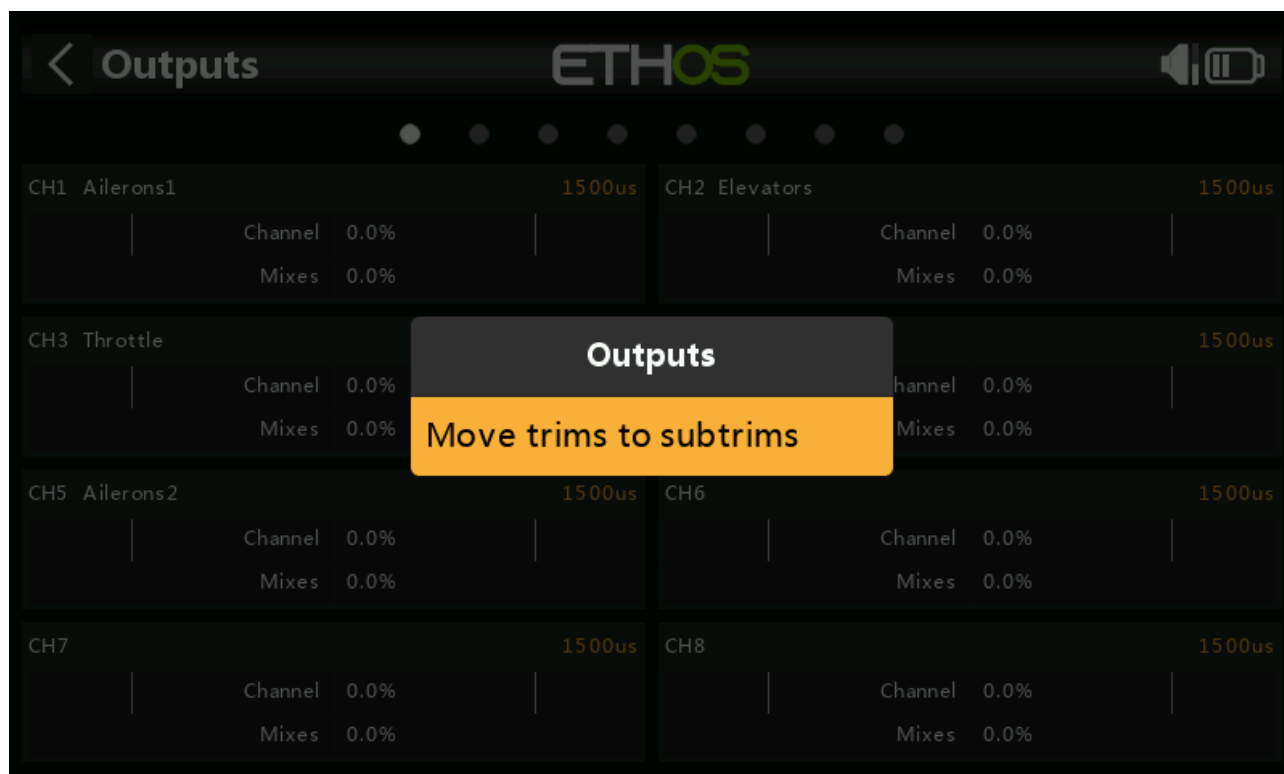
Easy mode

Instant Trim

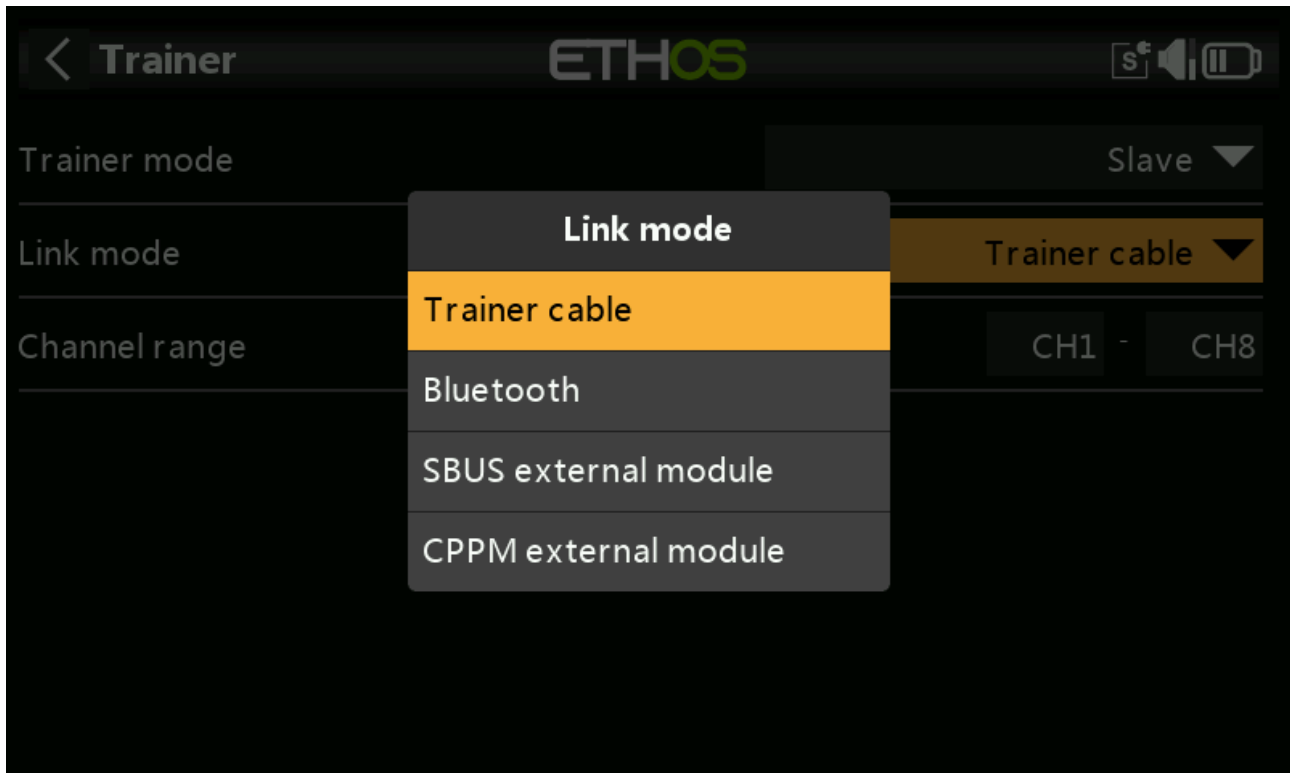
Long awaited feature !



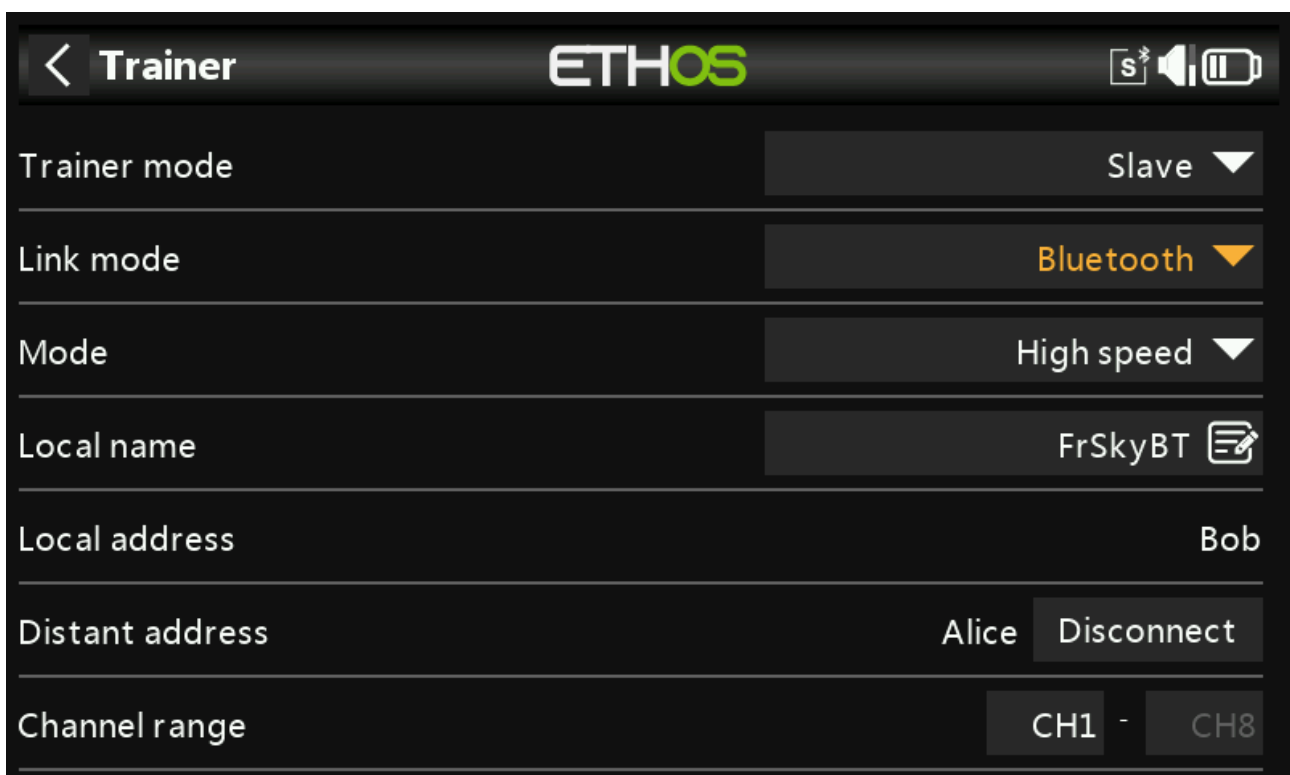
Move trims to subtrims

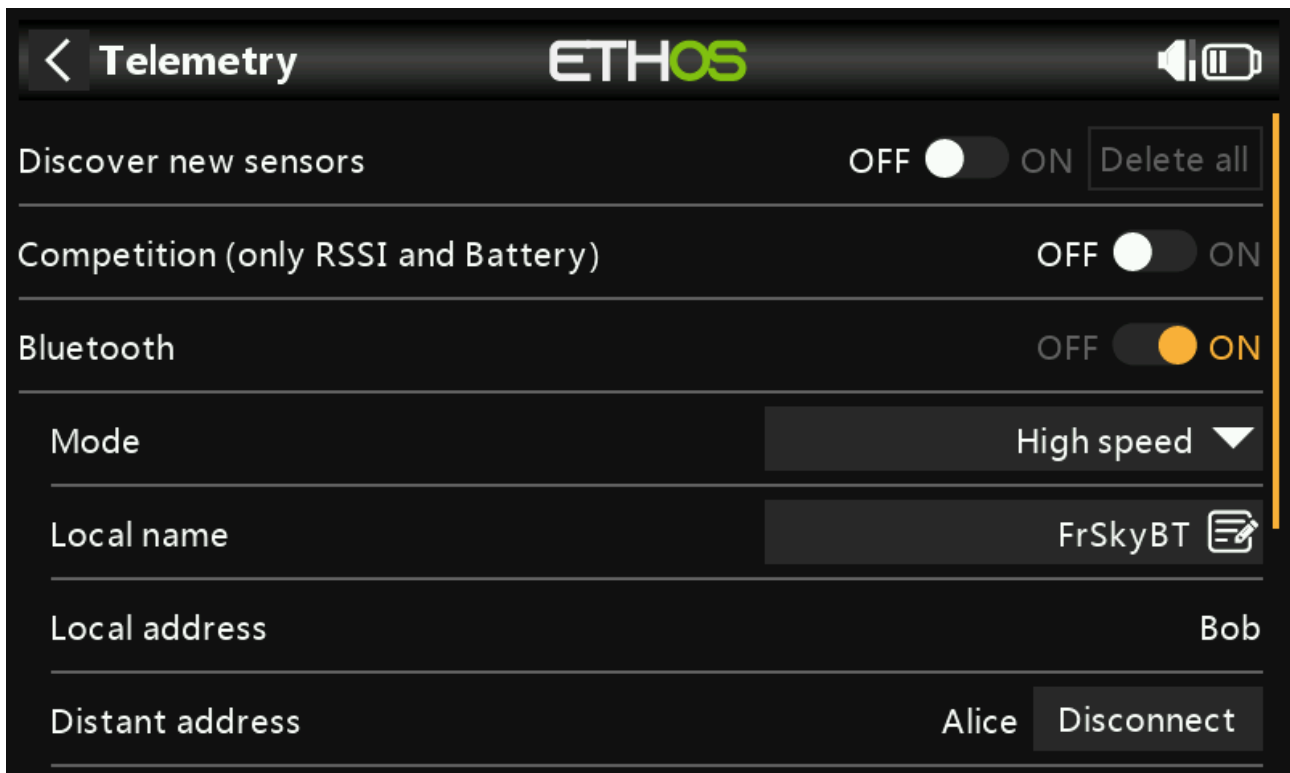
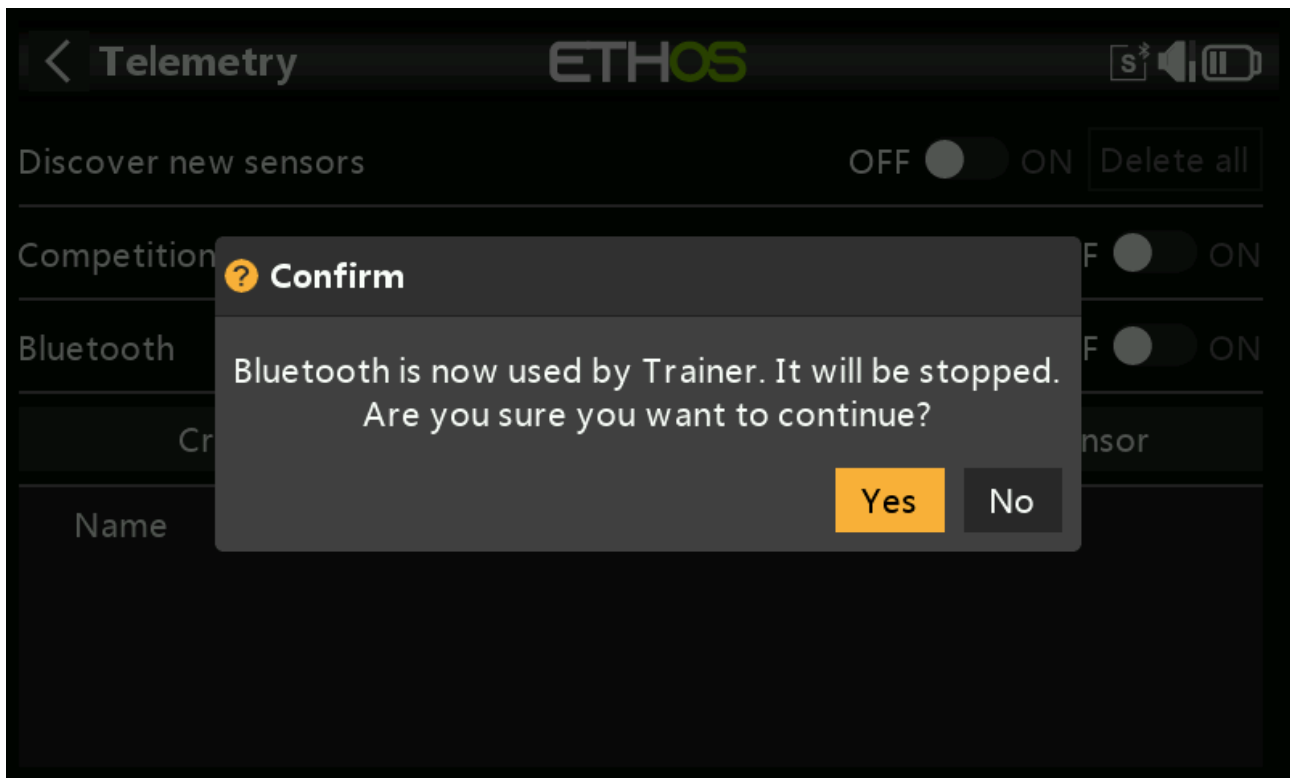


Trainer from CPPM and SBUS



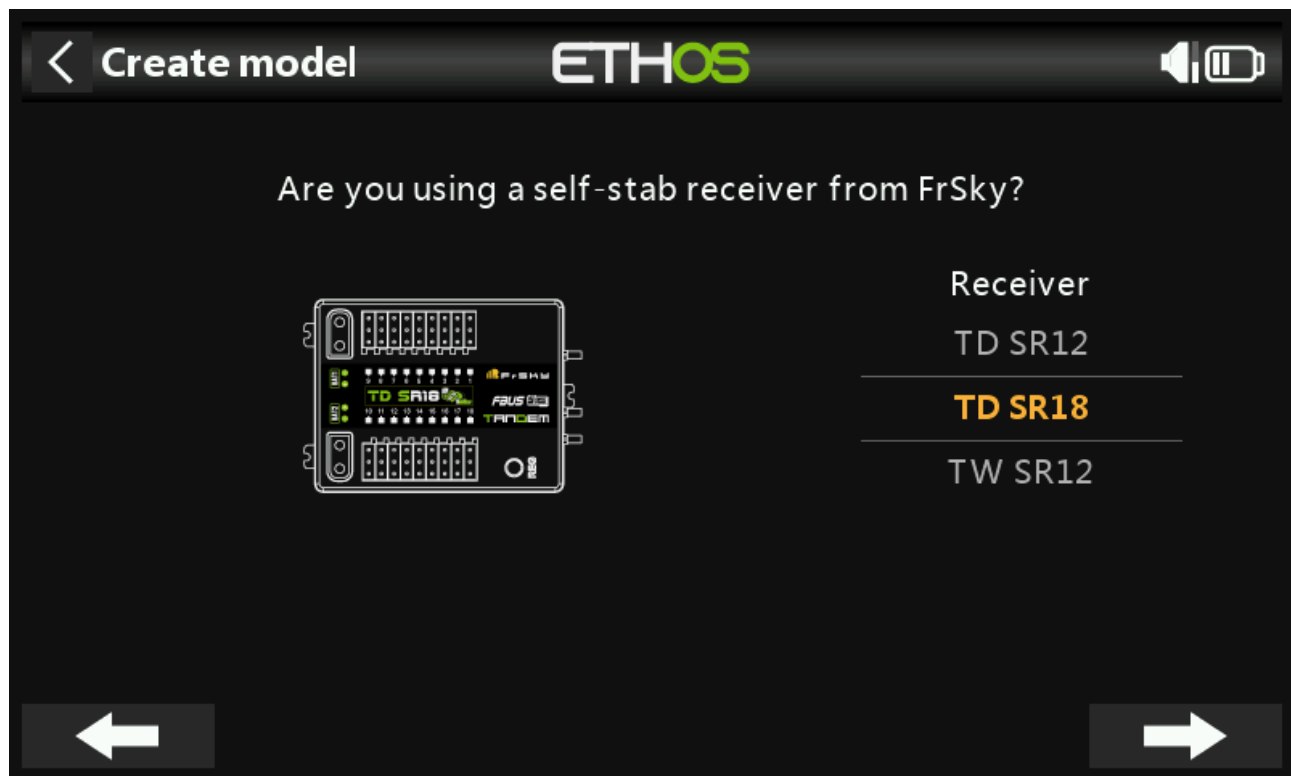
The complete System / Wireless screen has been removed and functions moved to where Bluetooth can be used (Trainer / Telemetry / Audio).



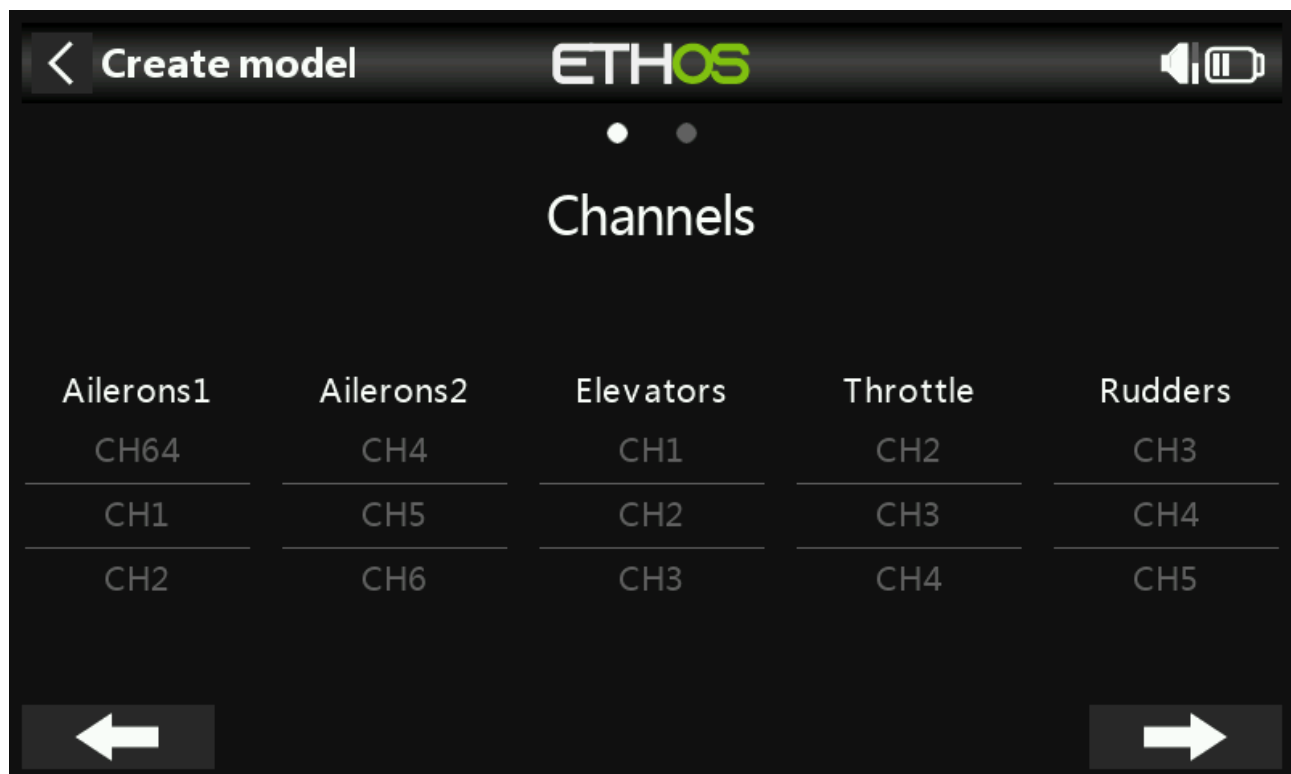


New model wizard improved

Stabilized receivers special mixes automatically created



Channels review before saving the model



Discover new sensors OFF ON Delete all

Competition (only RSSI and Battery) OFF ON

Bluetooth OFF ON

Mode High speed ▼

Local name FrSkyBT 

Local address Bob

Distant address Alice Disconnect