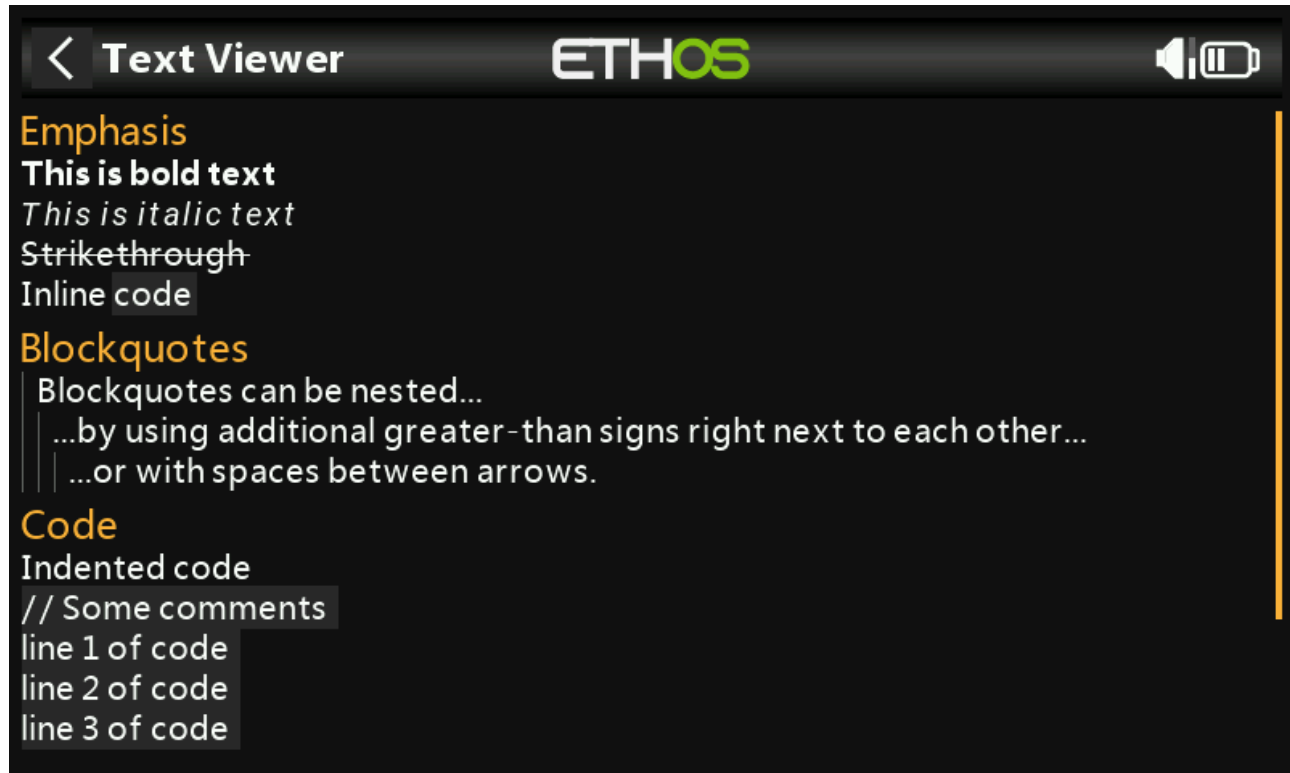


# Ethos 1.5 new features

## Text Viewer

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



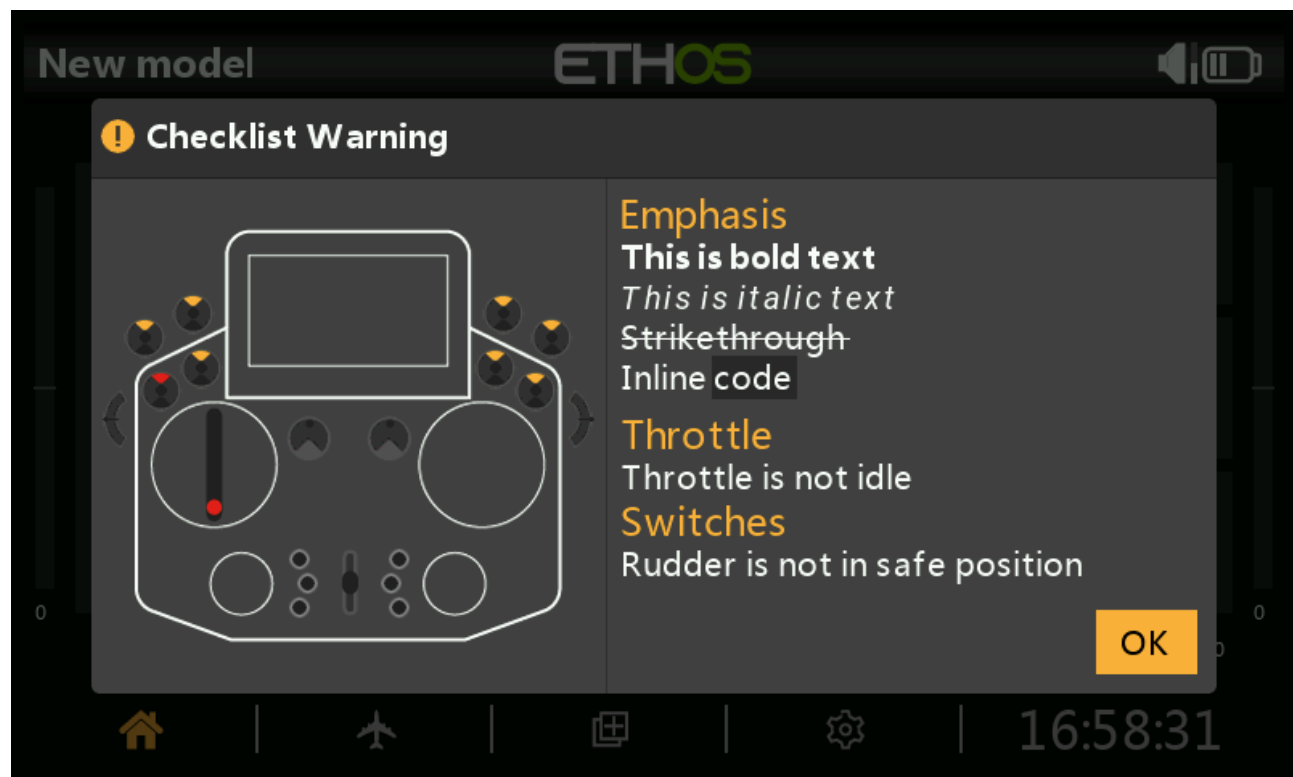
## Text widget

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



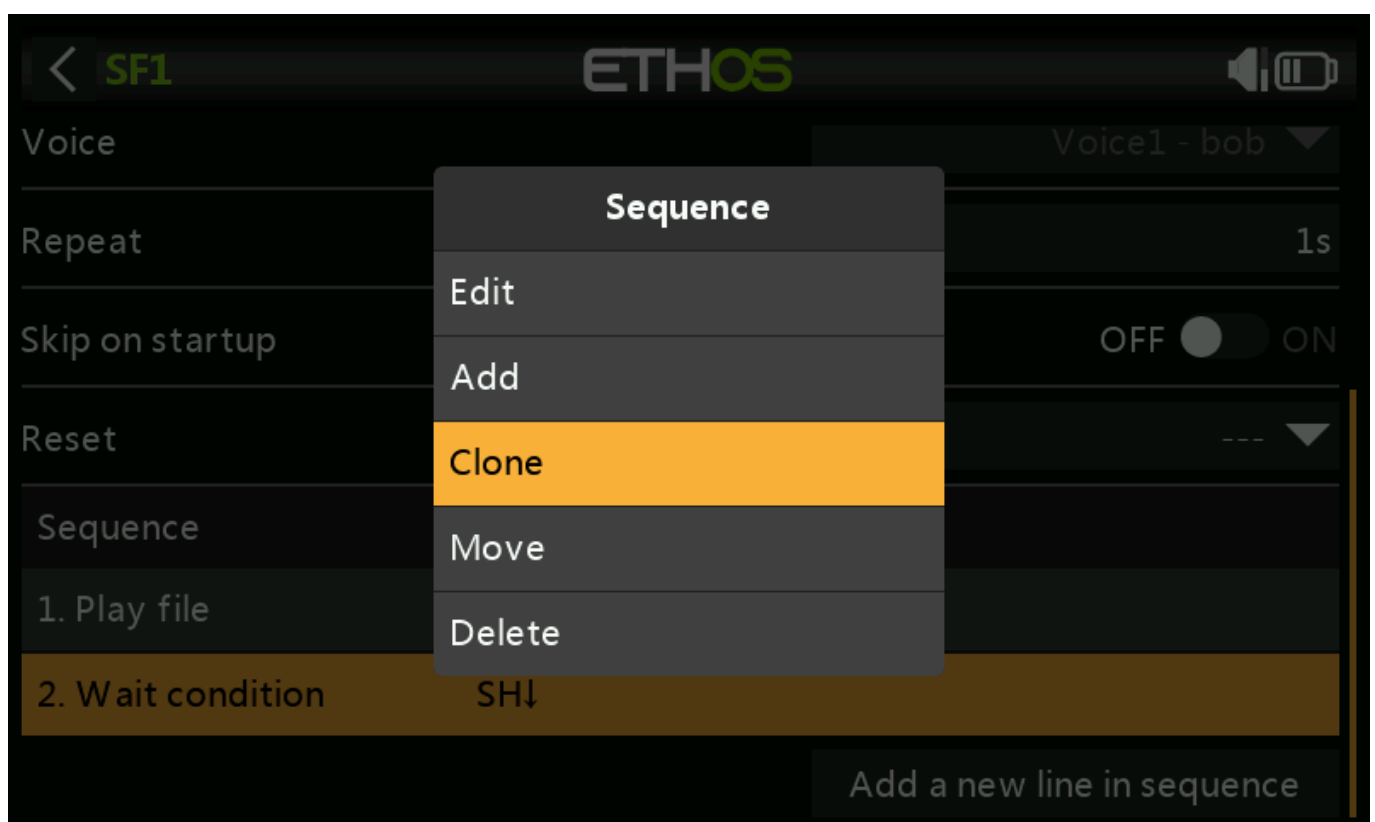
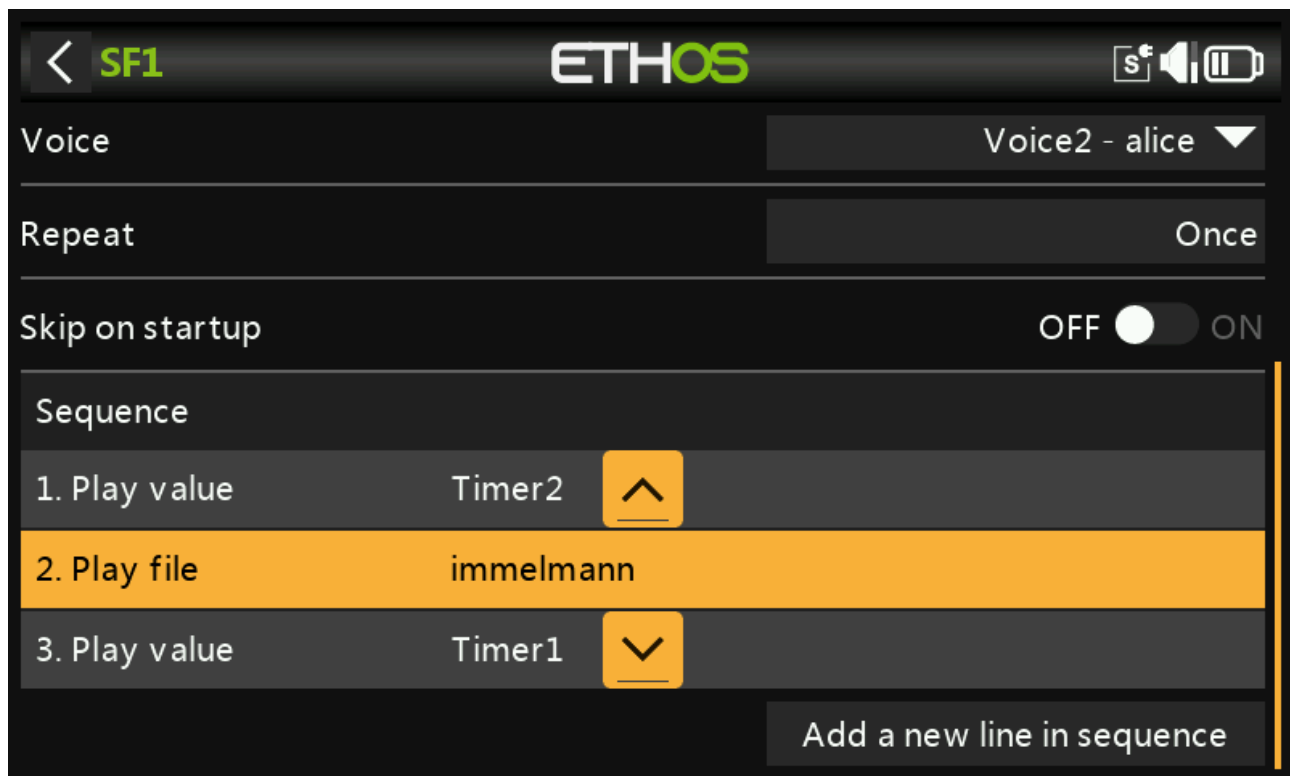
# Custom checklist

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

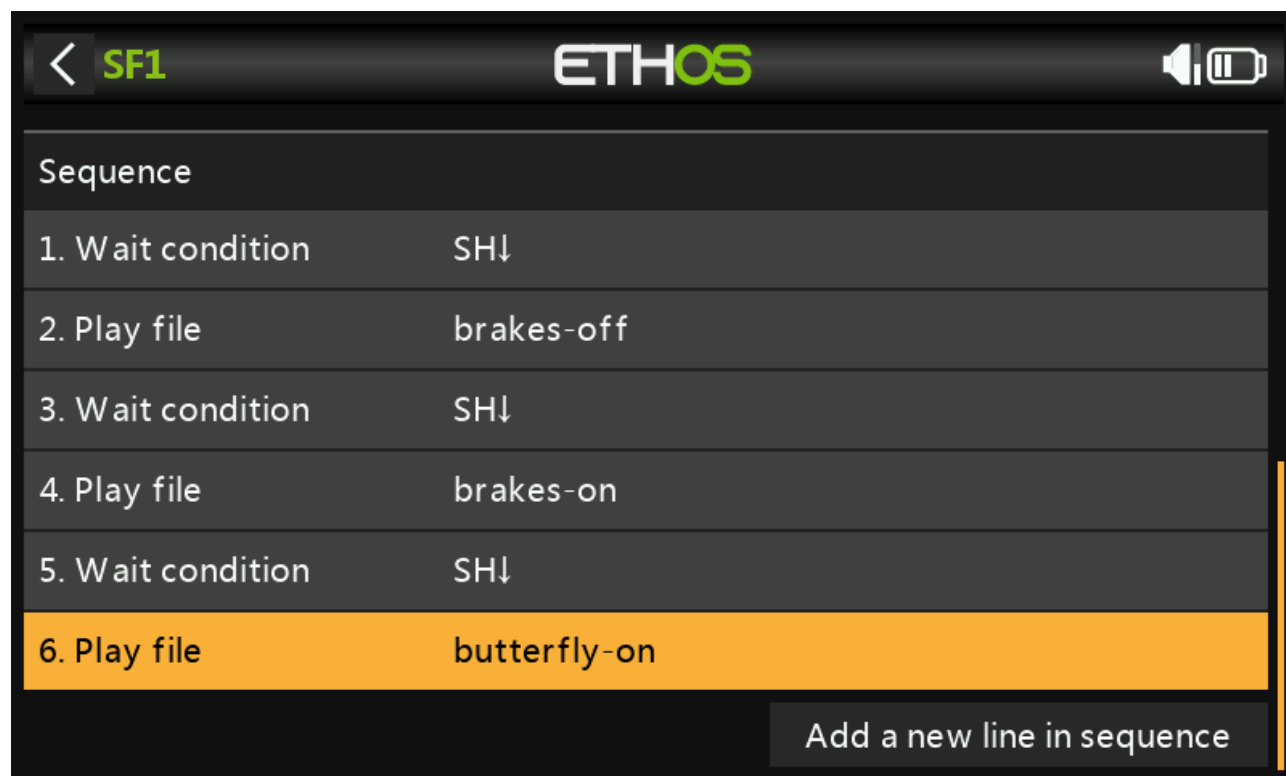


## Play audio to play audio sequences

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)

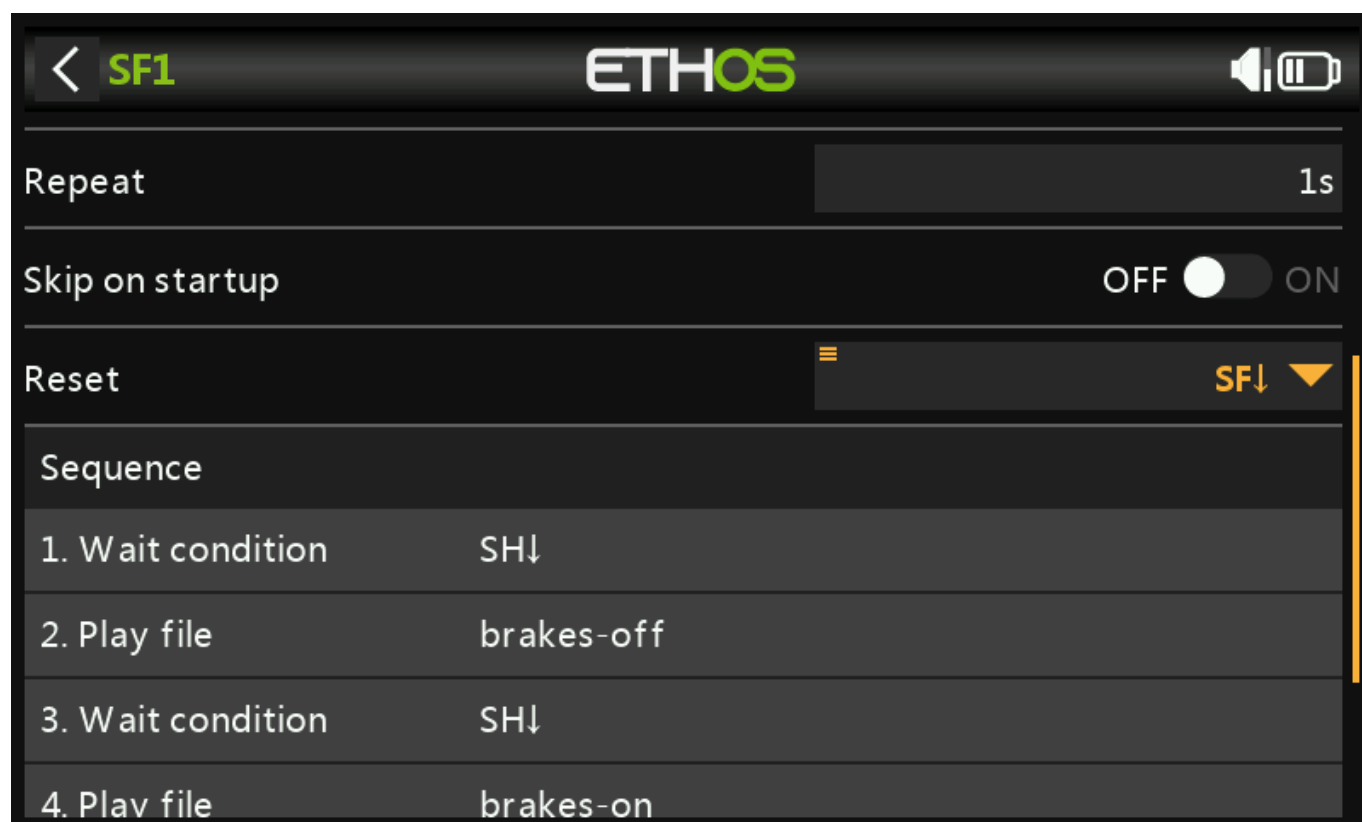


The screenshot shows the ETHOS app interface. At the top, there is a back arrow, the label 'SF1', the app name 'ETHOS', and a speaker icon. Below this is a 'Sequence' section with a list of six items:

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 of the sequence list 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 ETHOS app interface with configuration options for the sequence. At the top, there is a back arrow, the label 'SF1', the app name 'ETHOS', and a speaker icon. Below this are three settings:

- Repeat**: A slider set to 1s.
- Skip on startup**: A toggle switch set to OFF.
- Reset**: A dropdown menu showing 'SF↓' with a downward arrow.

Below these settings is a 'Sequence' section with a list of four items:



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.

< General

ETHOS

Highlight color

#F8B038 

Audio

▼

Language

English ▼

Voice 1 (main)

us ▼



Voice 2

alice ▼

Voice 3



bob ▼

Main volume

< SF1

ETHOS

Active condition

Always on ▼

Global

OFF ☐ ON

Voice

Voice2 - alice ▼

Repeat

Once

Skip on startup

OFF ☐ ON

Sequence

1. Play file

immelman

Add a new line in sequence

Value 00:00:00

Proportional timing source ---

Reset ---

Persistent OFF ☐ ON

Voice Voice3 - bob

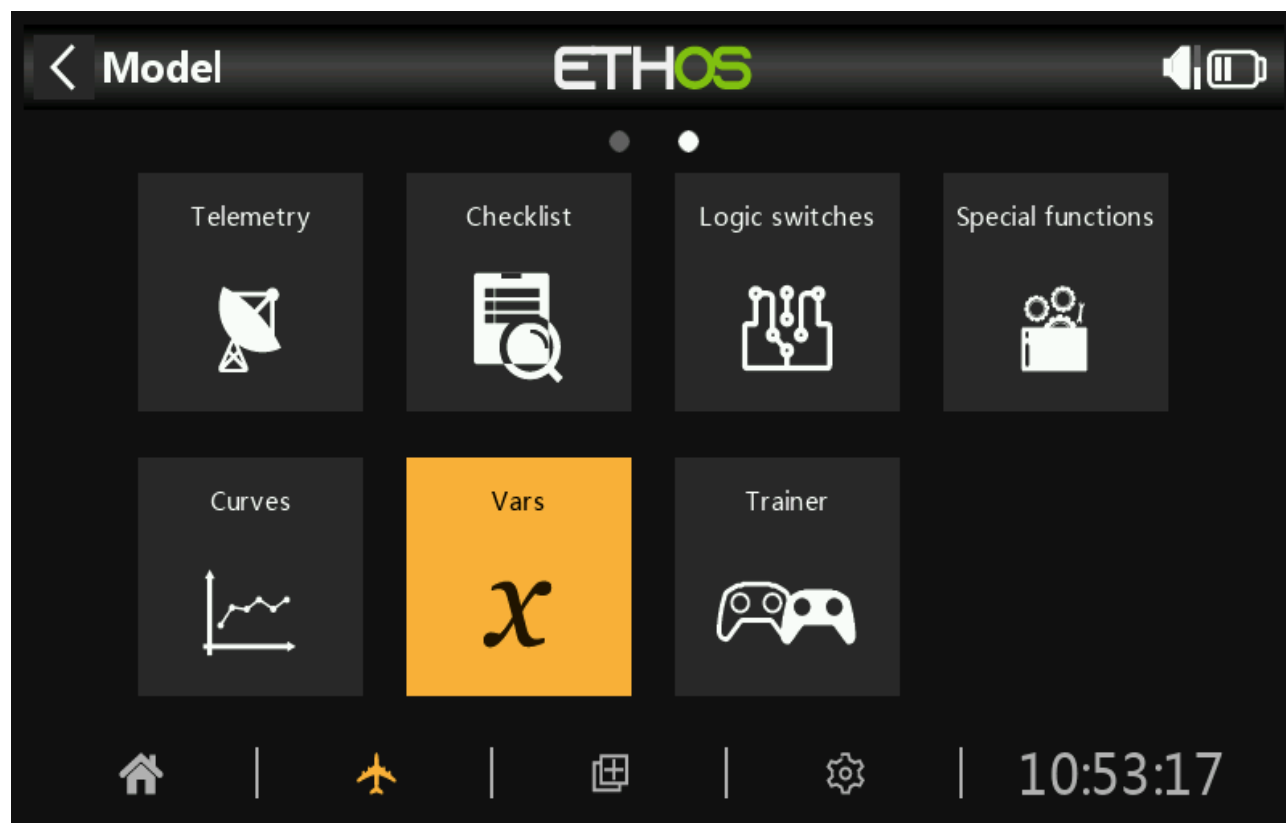
Audio actions

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

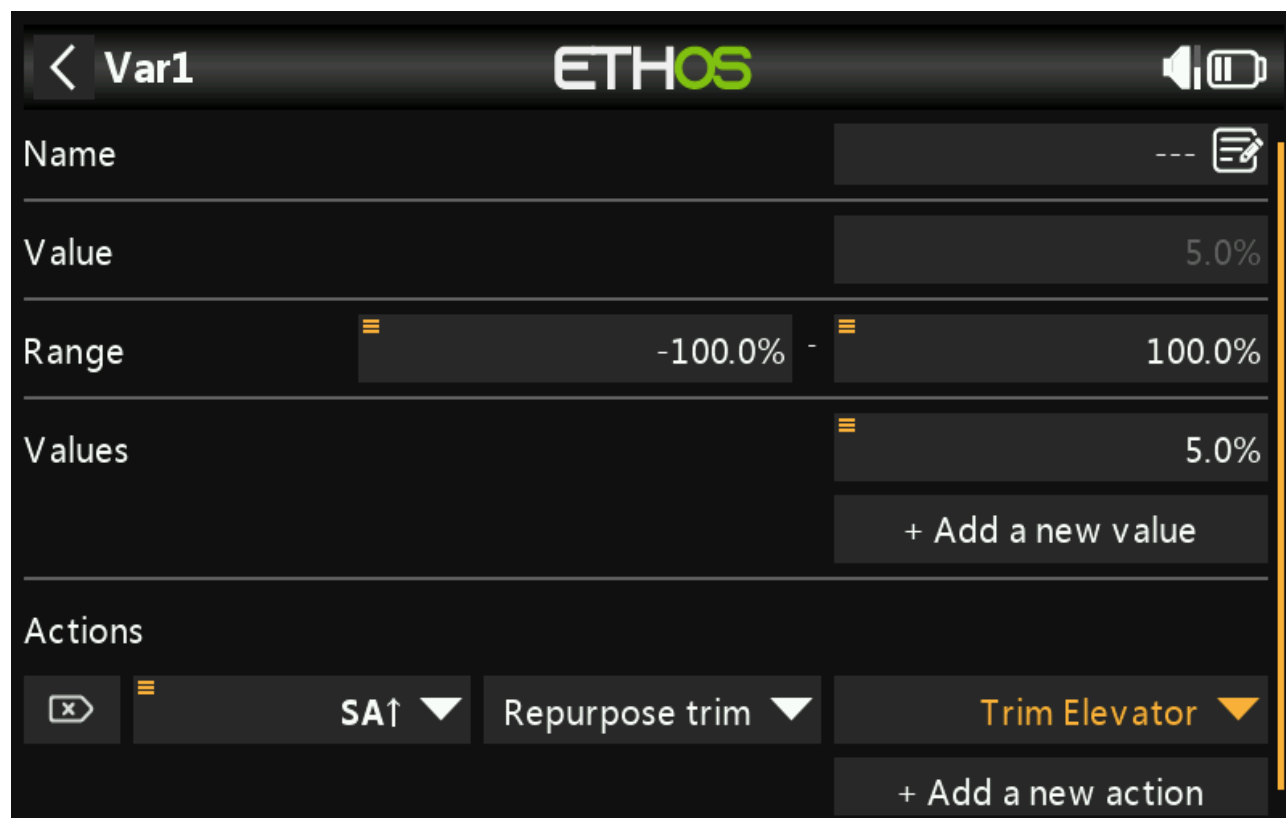
Add a new audio action

## 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.

Easy mode

Offset

0%

Points

1.

-100%

0%

2.

-50%

Var1

3.

0%

0%

4.

50%

0%

5.

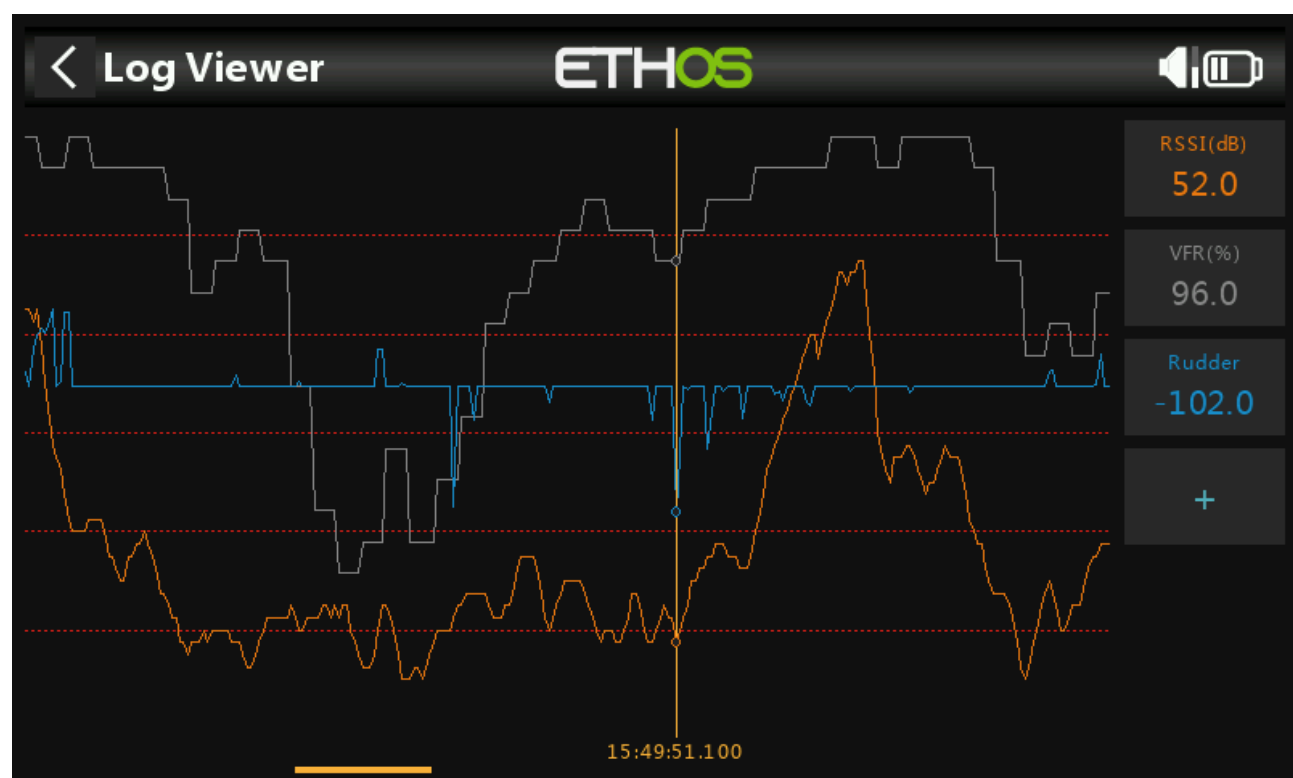
100%

0%

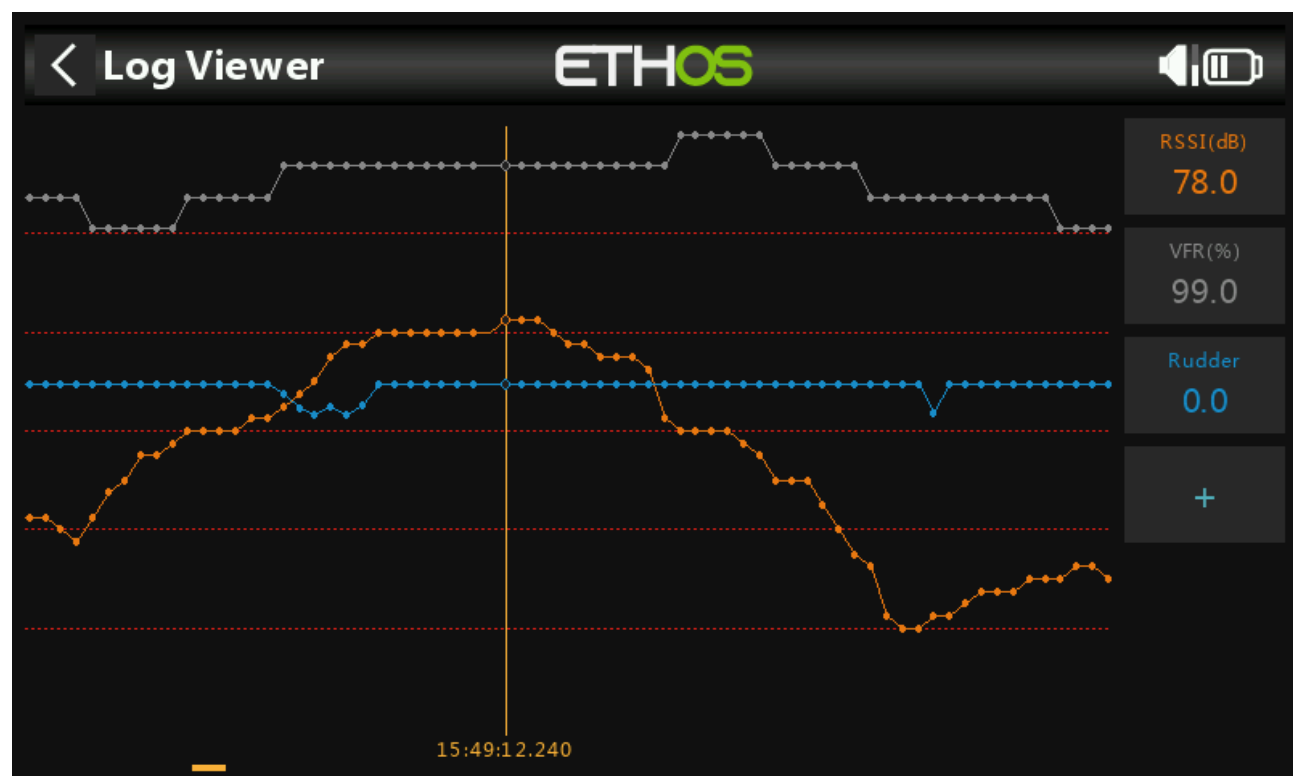


# Log Viewer

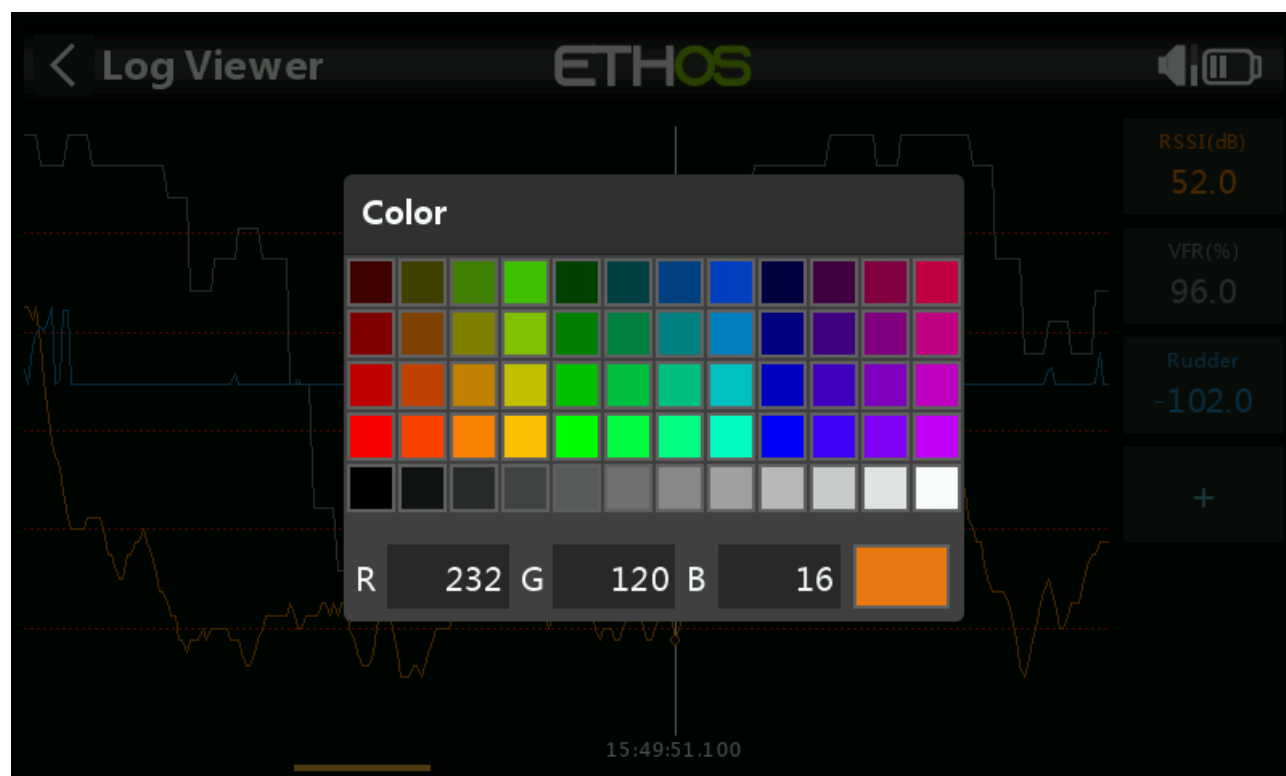
Multiple curves ...



With zoom ...



And custom colors ...



# More powerful Free Mix

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

<

Free mix

ETHOS

S

Source

Rudder

▼

Operation

Add

▼

Actions

Always on

Weight

SA- 80%

SA↓ 60%

Otherwise 100%

Always on

Curve

Expo(40%)

Always on

Slow

↑1.5s ↓1.0s

+ Add a new action

<

Free mix

ETHOS

S

Active condition

Always on

▼

Action

Weight

▼

Weight / Rates

100%

x

SA- ▼

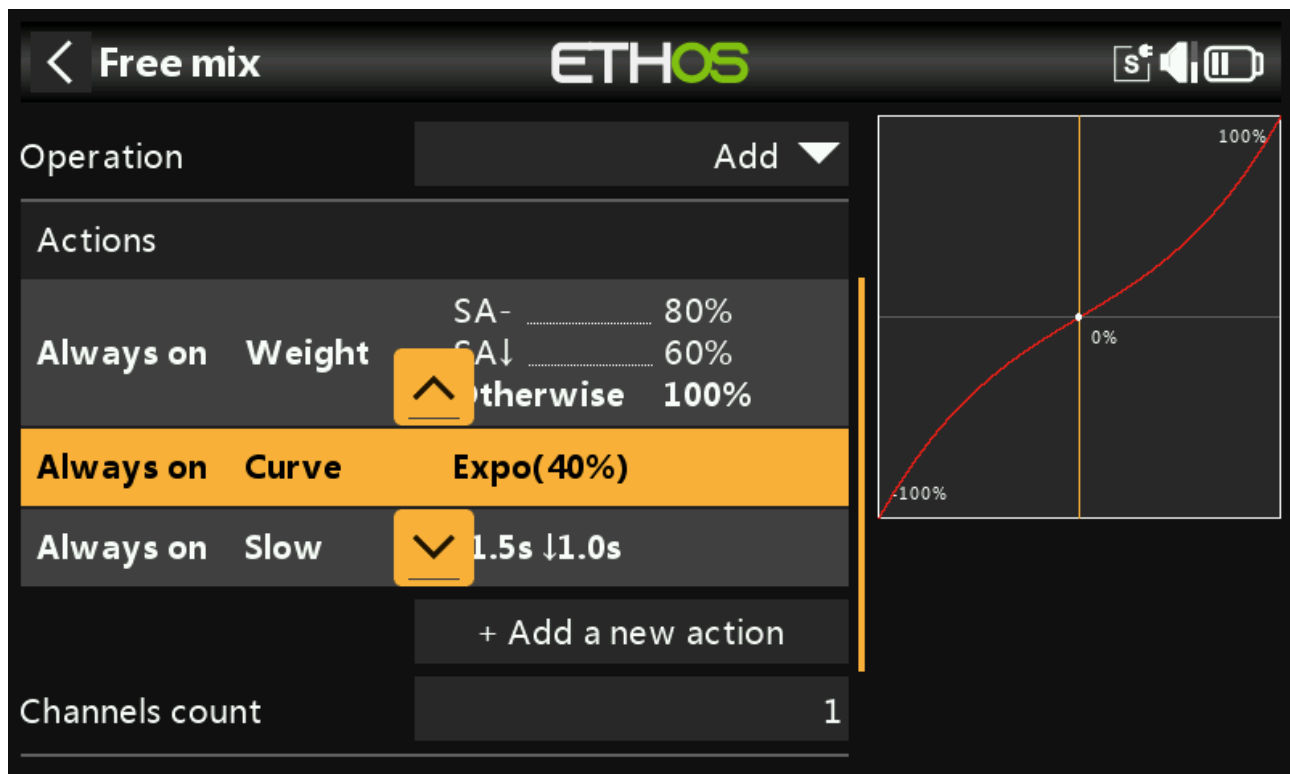
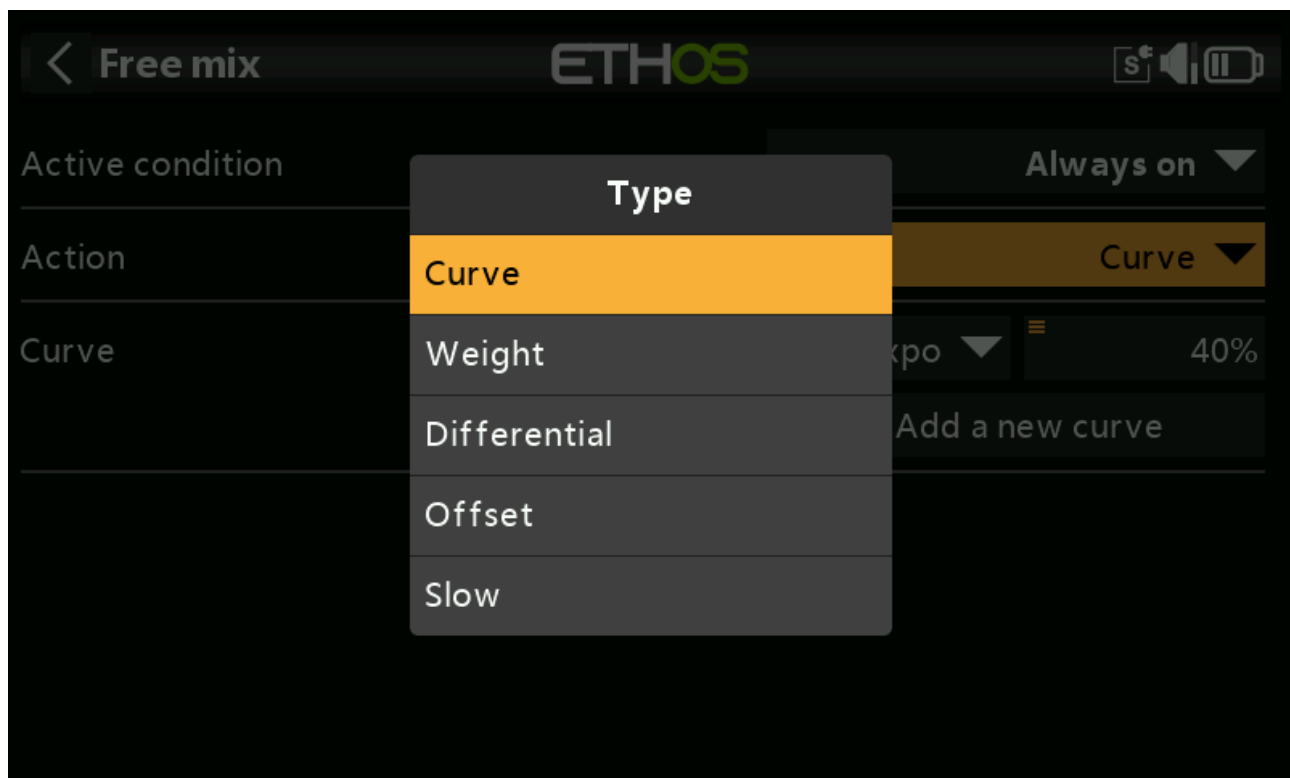
80%

x

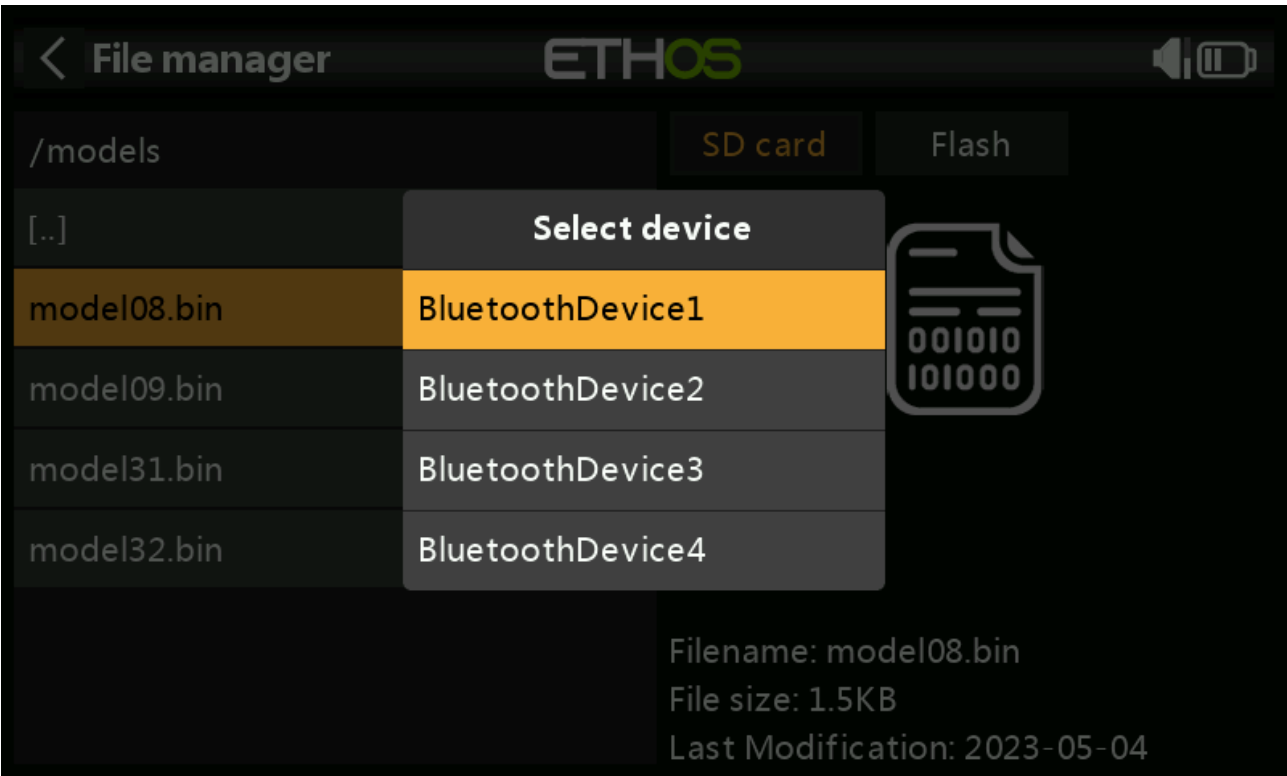
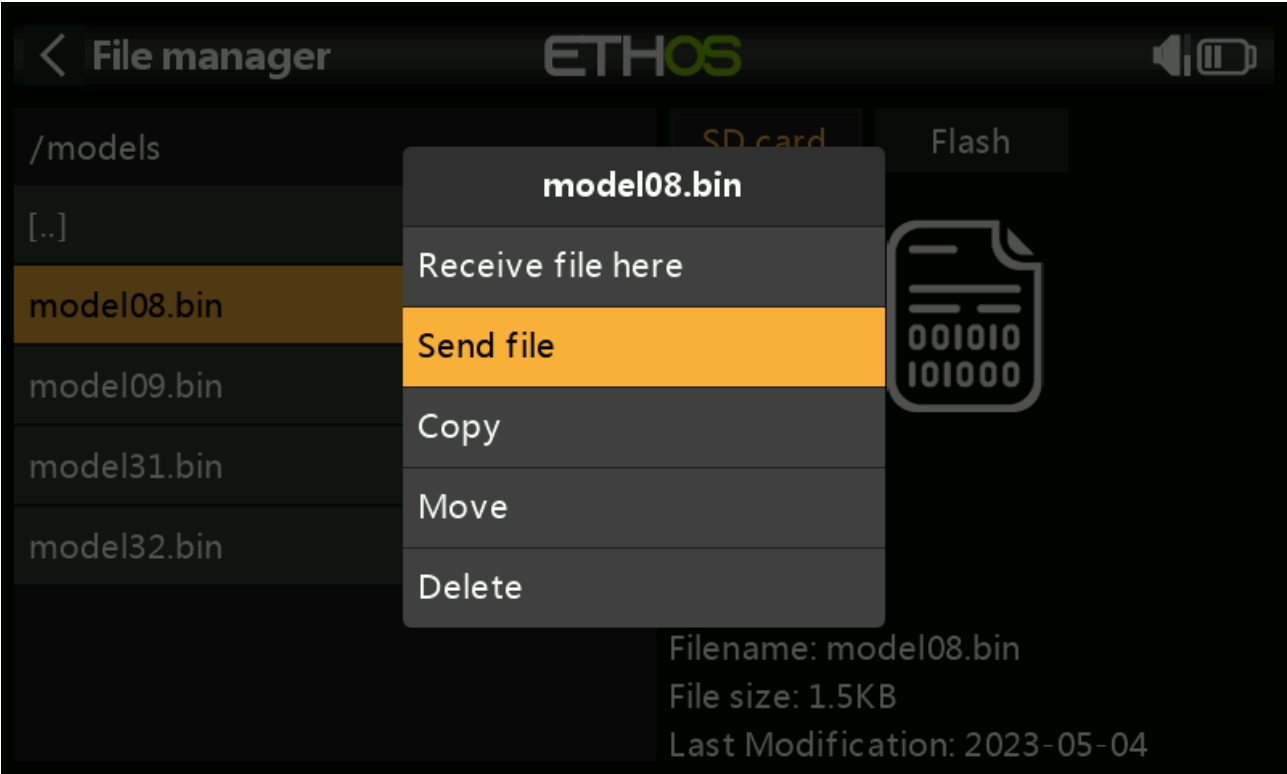
SA↓ ▼

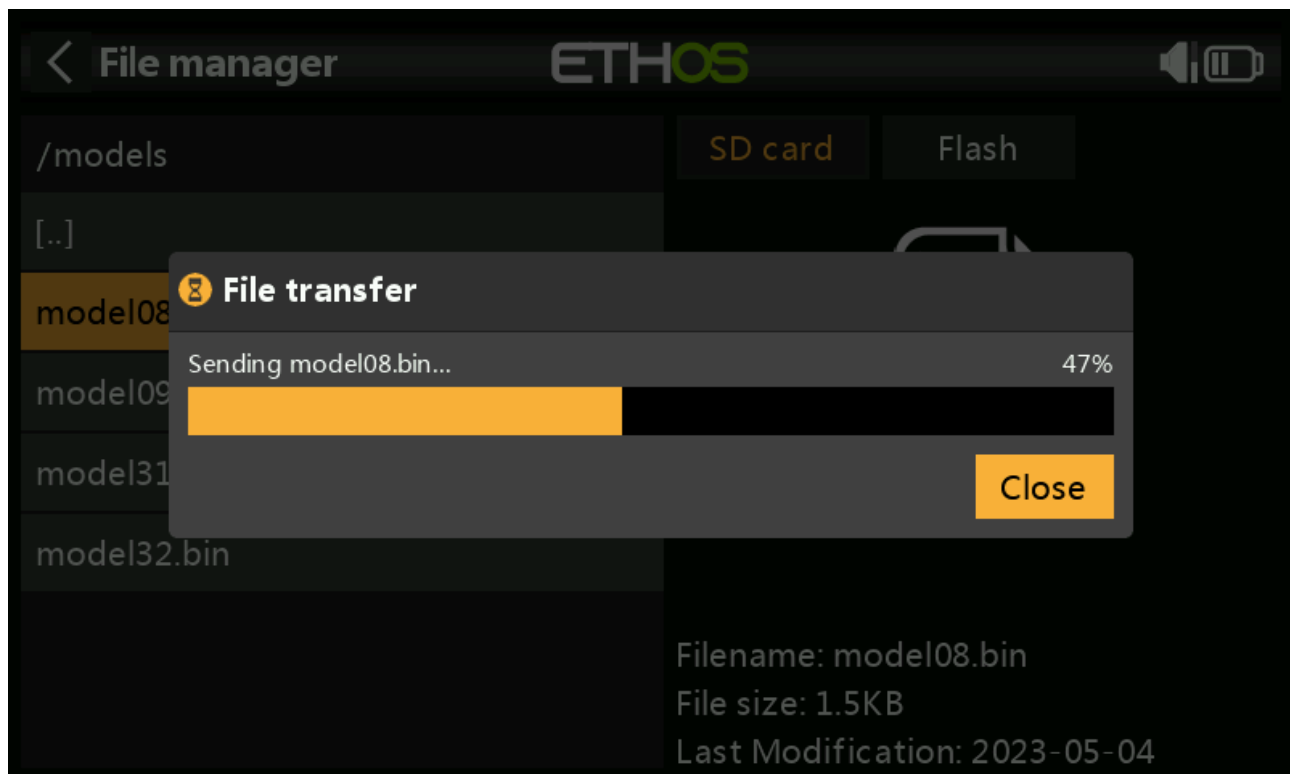
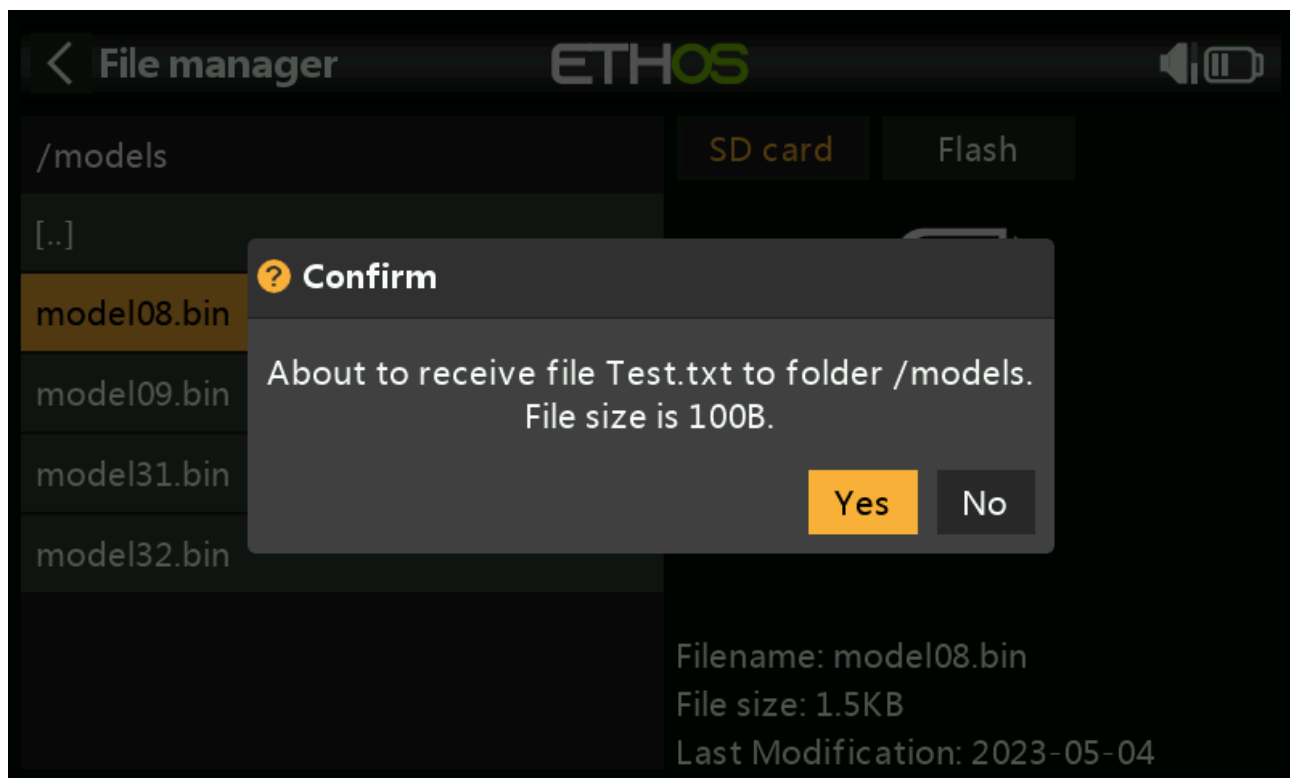
60%

+ Add a new weight

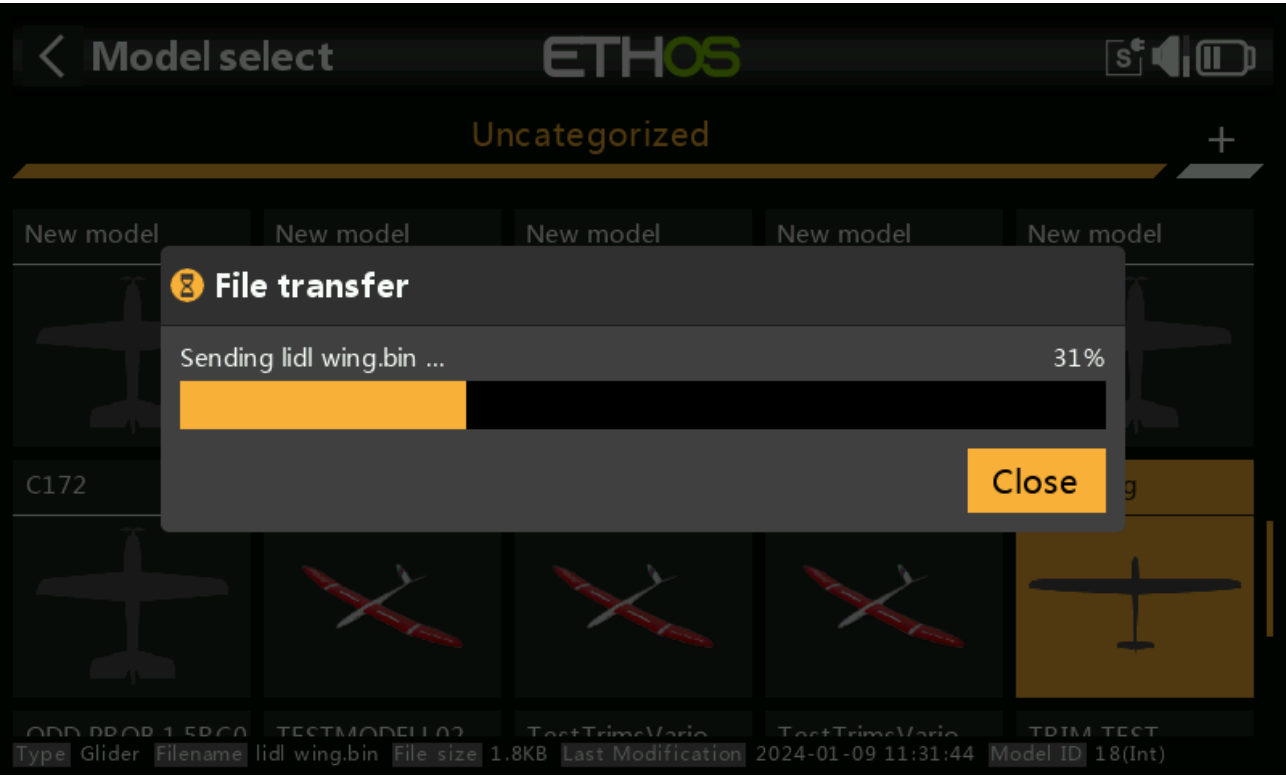
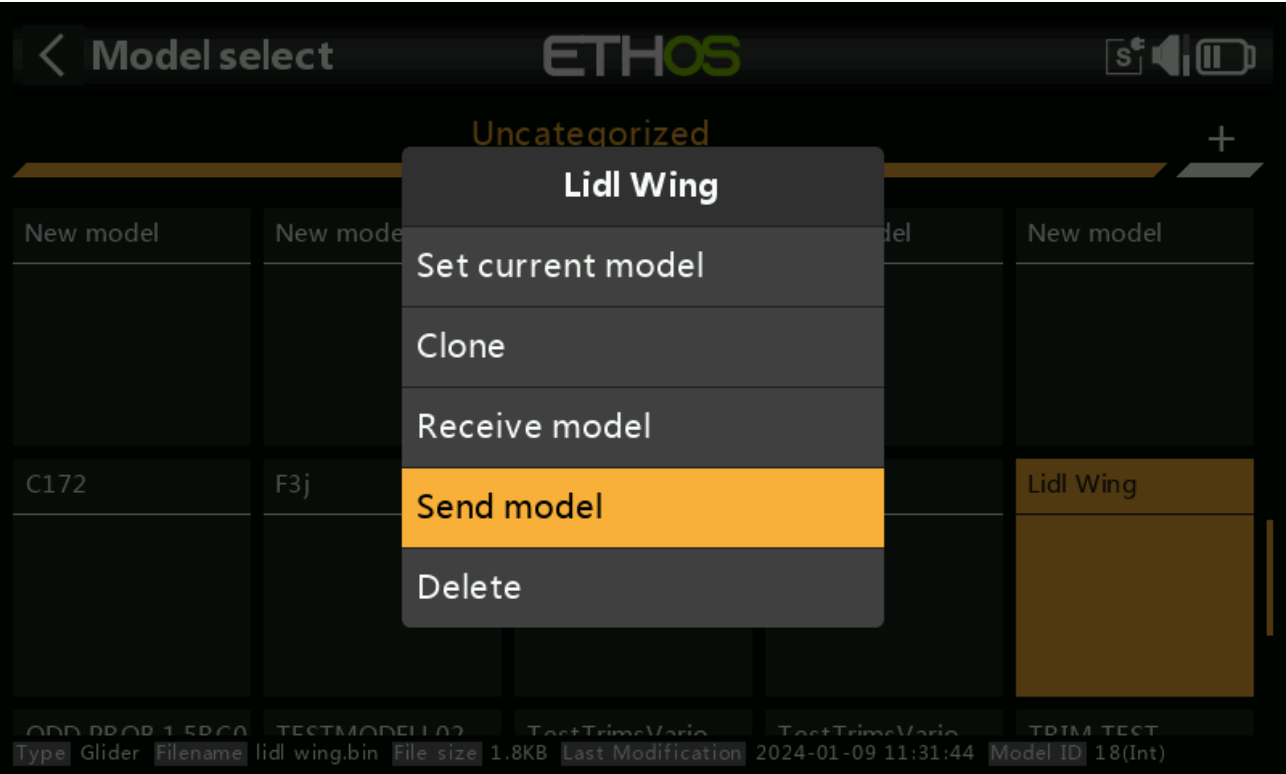


# Bluetooth file transfer





# Bluetooth model transfer

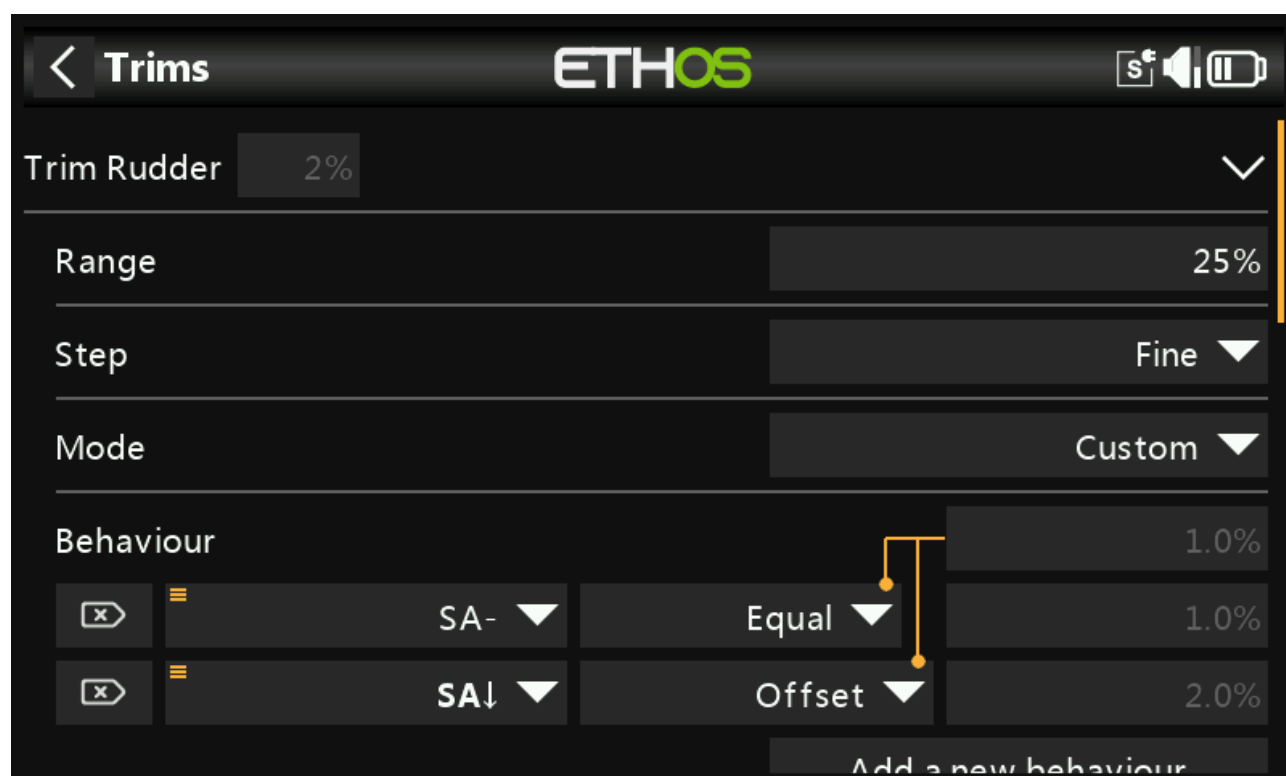
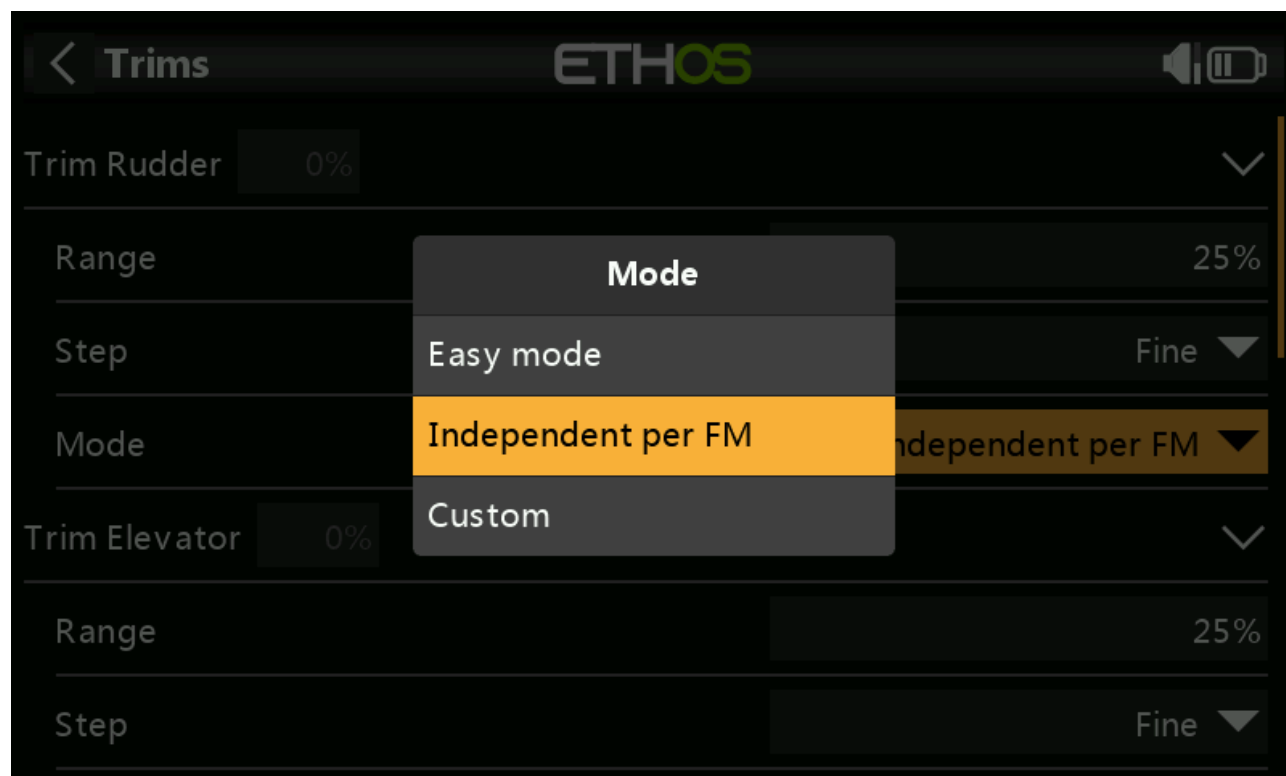


## Enhanced Trims

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 !

<

Trims

ETHOS



Trim Aileron

0%

>

Range

25%

Step

Fine ▾

Mode

Easy mode ▾

Add an extra trim

Cross trim

>

Instant trim



SH↓ ▾



## Move trim(s) to subtrim(s)

For all trims in one shot ...

<

Trims

ETHOS



Range

25%

Step

Fine ▾

Mode

Easy mode ▾

Add an extra trim

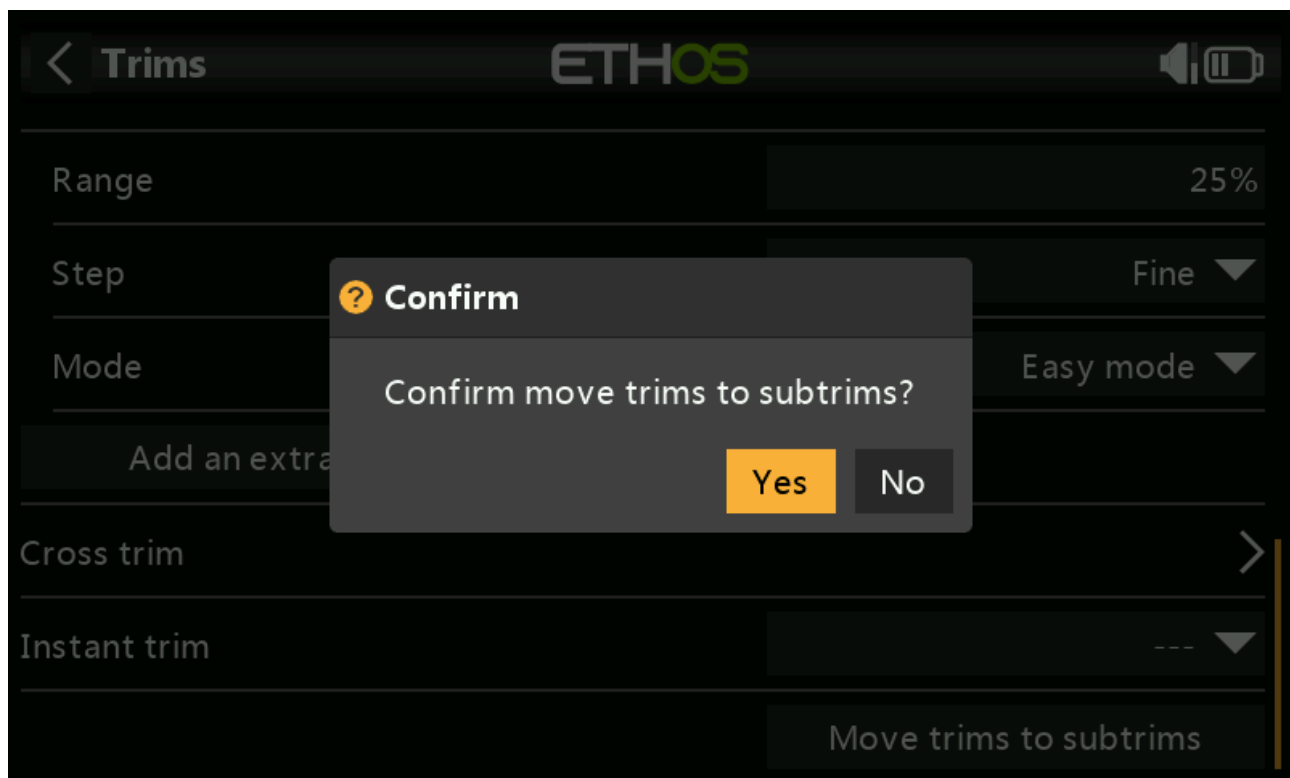
Cross trim

>

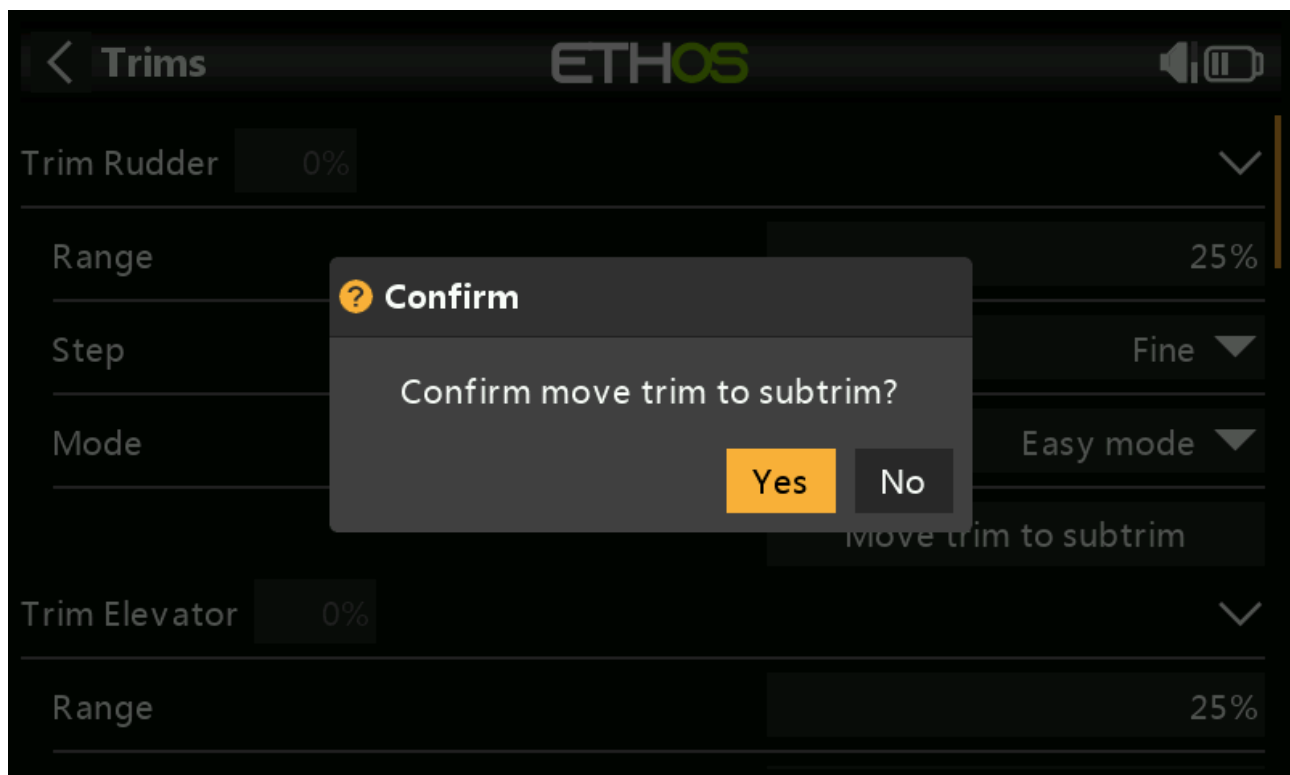
Instant trim

--- ▾

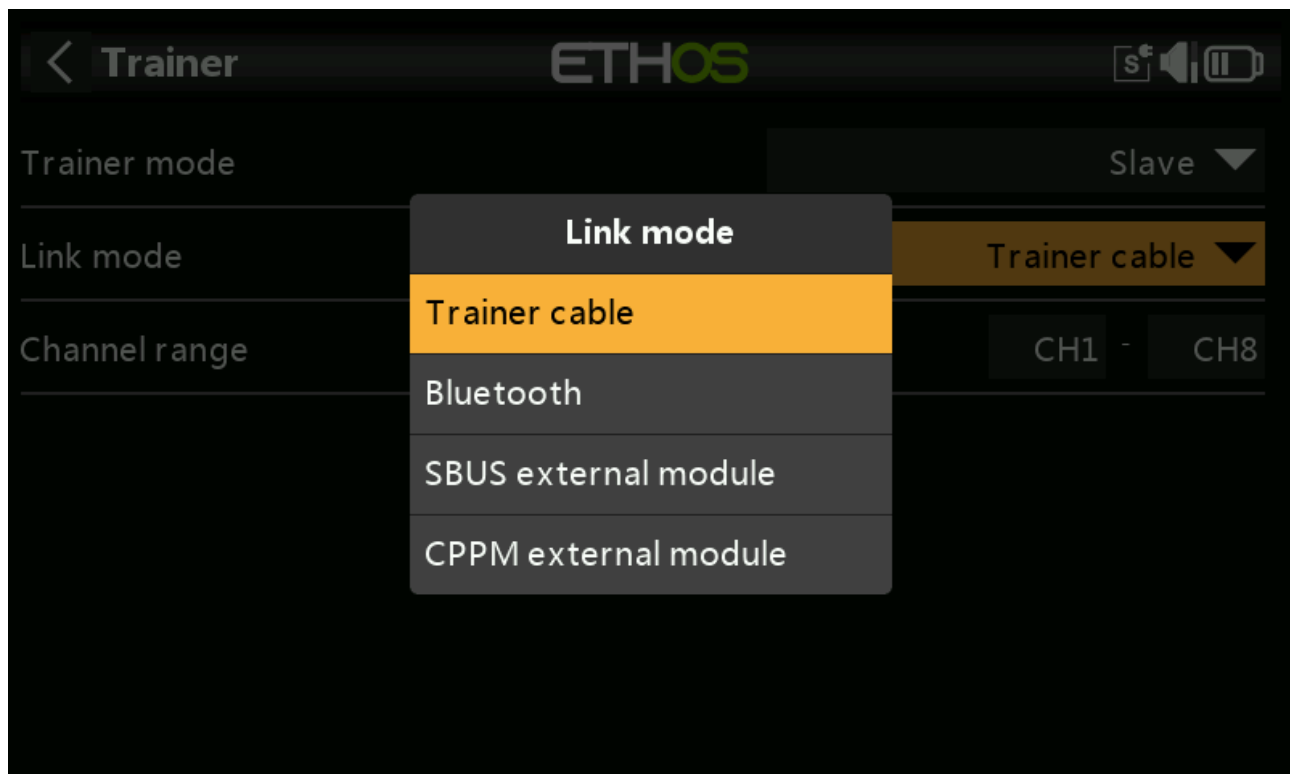
Move trims to subtrims



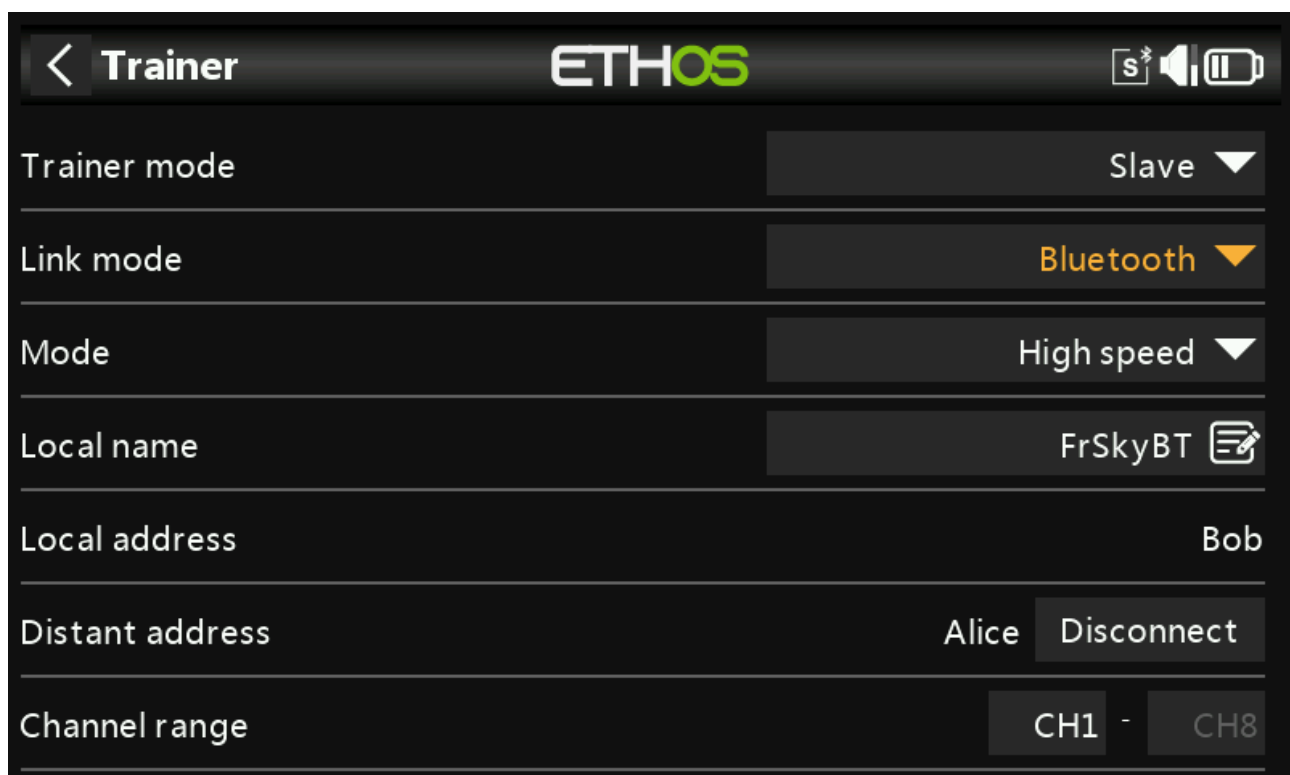
... or one trim at a time in its section ...

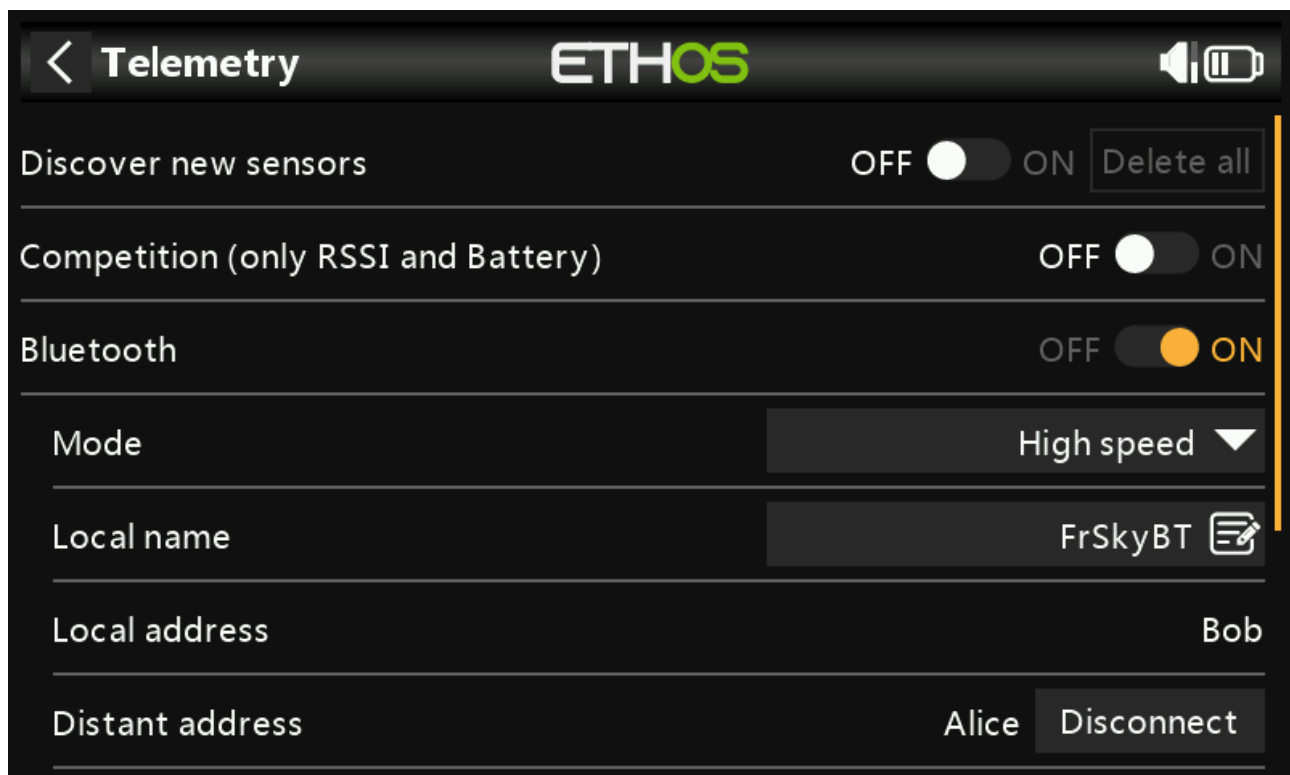
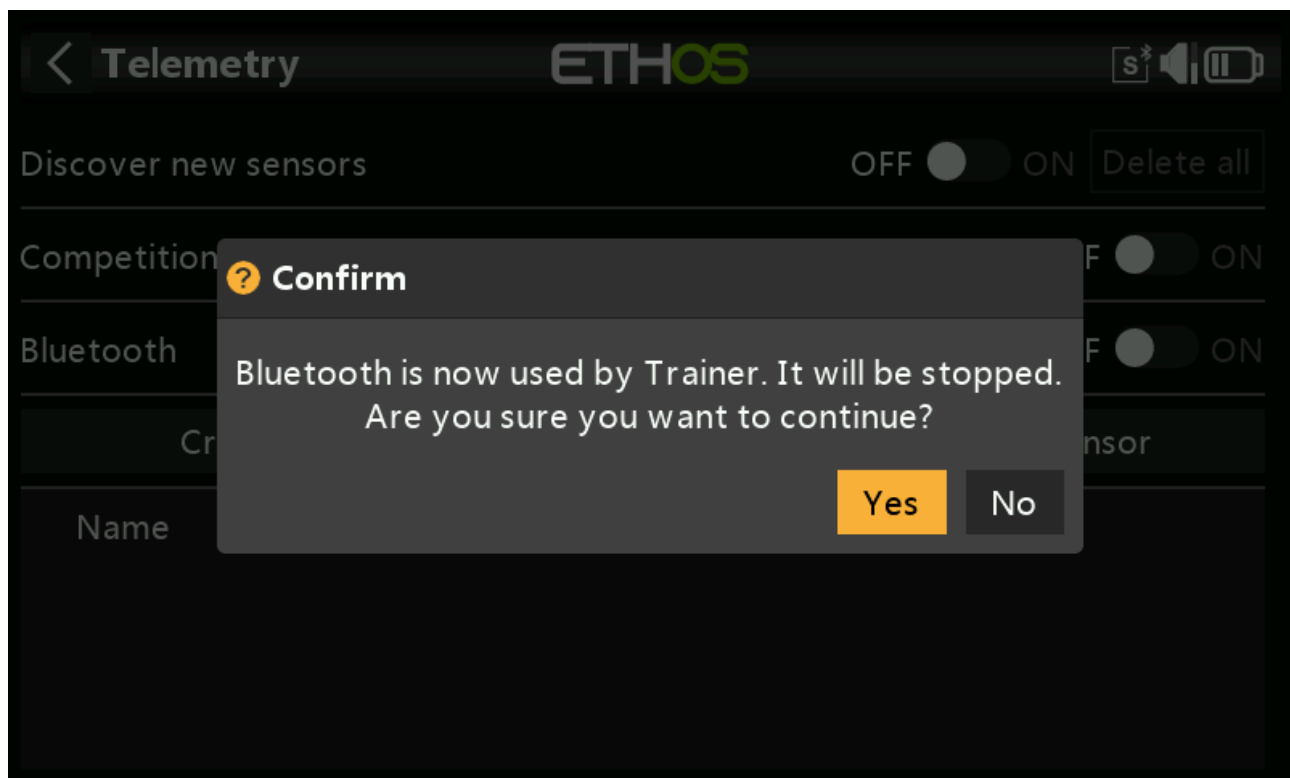


## Trainer from CPPM and SBUS



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



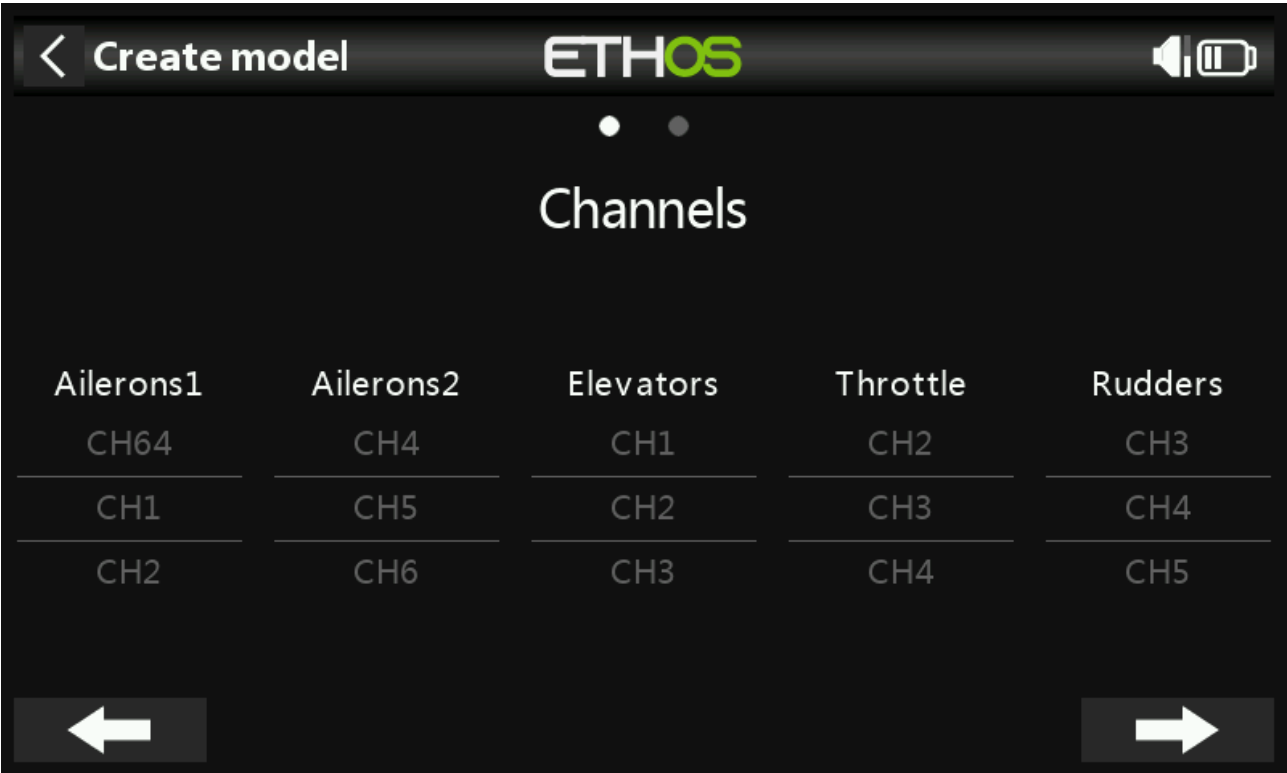


# New model wizard improved

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