BEASTRX MINI

FASST-FrSky 2.4GHz RX
3CH - SRXL (12+2CH)

SRXL

1. INTRODUCTION

1.1 Compatibility:
- FASST 2.4GHz (7CH Mode/Multi Mode)
- FrSky (TF Modules: TF-8M, TF-14M)

1.2 Technical Data:
- Number of Channels: 3+SRXL
- SRXL-BEASTRX Dataoutput (12 + 2 Channels)
- Operating Voltage Range: 3.5V ~ 10V
- Operating Temperature: -10°C ~ 80°C
- Dimension: 34 x 19 x 8mm
- Weight: 6.2g
- Antenna-Diversity (full range)
- Latency: 14ms (FS), 7ms (HS)

2. CONNECTIONS / CHANNEL ASSIGNMENT

	7 CH Mode	Multi Mode
Connector ❶	CH4	CH8
Connector ❷	CH7	CH7
Connector ❸	CH3	CH3
Connector ❹	SRXL-BEASTRX	SRXL-BEASTRX

3. SETUP

3.1 Bind procedure:
Turn on the transmitter, connect the battery to the receiver while pressing receiver's F/S button. After the GREEN LED is solid, the binding process is completed and the receiver is operating normally

3.2 Setting failsafe for Single Servo output Connectors 1, 2 and 3:
BEASTRXmini support two selectable failsafe setting options for its Single Servo Outputs. Either use native failsafe position preset on the transmitter side (3.2.1), or set failsafe on BEASTRXmini itself (3.2.2).

3.2.1 Use native failsafe position preset on the transmitter side for Single Servo Connectors 1, 2 and 3: If not disabling failsafe on the transmitter side, BEASTRXmini will use native failsafe position preset on the transmitter side.

3.2.2 Set failsafe for single Servo Connectors 1, 2 and 3 at BEASTRXmini side:
BEASTRXmini supports failsafe function for all 3 channels. Follow the steps below to set failsafe on BEASTRXmini.

1) Bind the receiver first, and disable failsafe on the transmitter side;

2) Set all corresponding transmitter controls to the desired failsafe position;

3) Press briefly the F/S button of the receiver, the GREEN LED of the receiver will flash twice, indicating the failsafe is set up successfully. If you do not need the failsafe function any more, just re-bind the receiver to set default failsafe mode.

> If not disabling failsafe on the transmitter side, BEASTRXmini will use native failsafe position preset see 3.2.1) on the transmitter side.

3.3 Setting failsafe for SRXL Output (Connector 4):
SRXL output does not need failsafe setting on the receiver. In case of failsafe the SRXL ouput immediately stops sending data. With this behavior the connected SRXL client (e.g. Flybarless system) is able to handle failsafe function themselves.

4. LED STATUS

RED LED	GREEN LED	Mode
Off	On	Normal mode
On	On	Waiting to be bound
Flashing	On	Signal lost
On	Flashing twice	Set failsafe