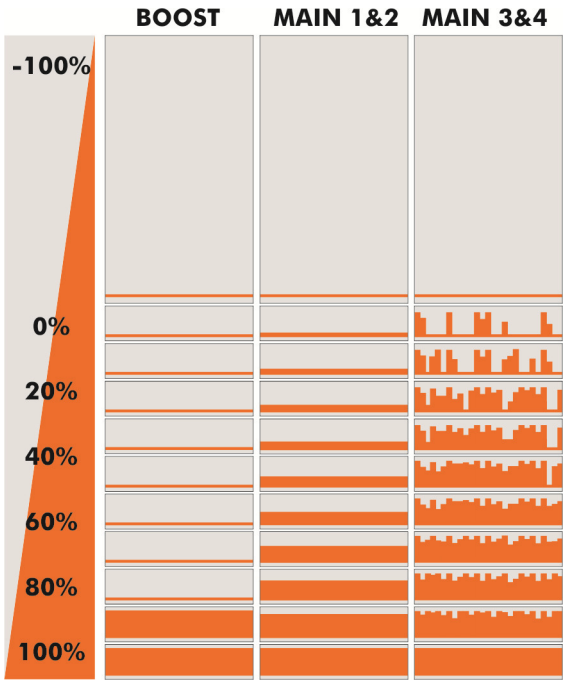
uniLIGHT Module AFTERBURN 2-800

Our 2-Channel Afterburner Module is especially designed for very powerful afterburner rings and generates besides the typical "flickering" effects even more additional functions. Like all uniLIGHT modules, the function selection is made via servo travel or via parts of it respectively. The receiver selects the behaviour and additionally, the speed of the effect can be selected on the button.

Functions for MAIN

This is the main channel for the afterburner ring. The contacts are provided twice and internal switched in parallel to carry the required current. Switch the contacts ALWAYS ONLY in parallel by connecting both cables of the ring homopolar.

The main channel will then simulate the afterburner function. Thereby, the first sector of the servo travel is used.



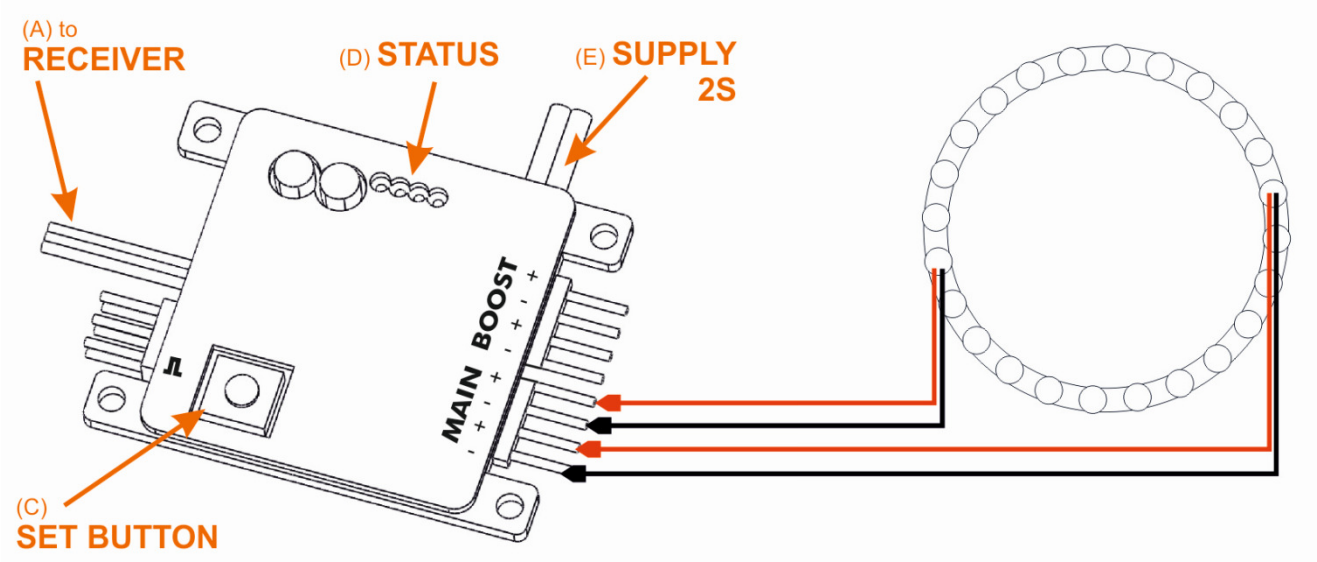
Functions for BOOST

The second channel can be used for another functional enhancement (boost) and is beeing patched in the top sector of the servo travel. This means that a second afterburner ring can be patched in. In addition, a pump can be triggered to inject smoke or fluid.

Instruction By the derated RINGX products, the power reduction arises through purposely using thin cables. Here, the boost can be generated through connection of a line on MAIN and one on BOOST. Just give it a try and pay attention to the heat!

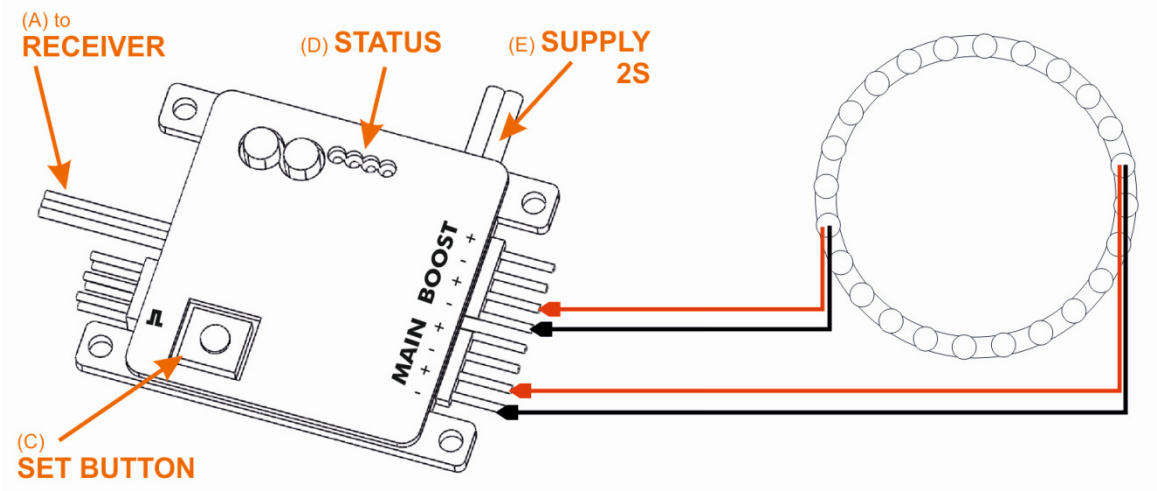
Connection

1. Normal operation with an afterburner ring (parallel connection with Y-branch pipe possible). Connection cable on MAIN, to be necessarily connected homopolar!

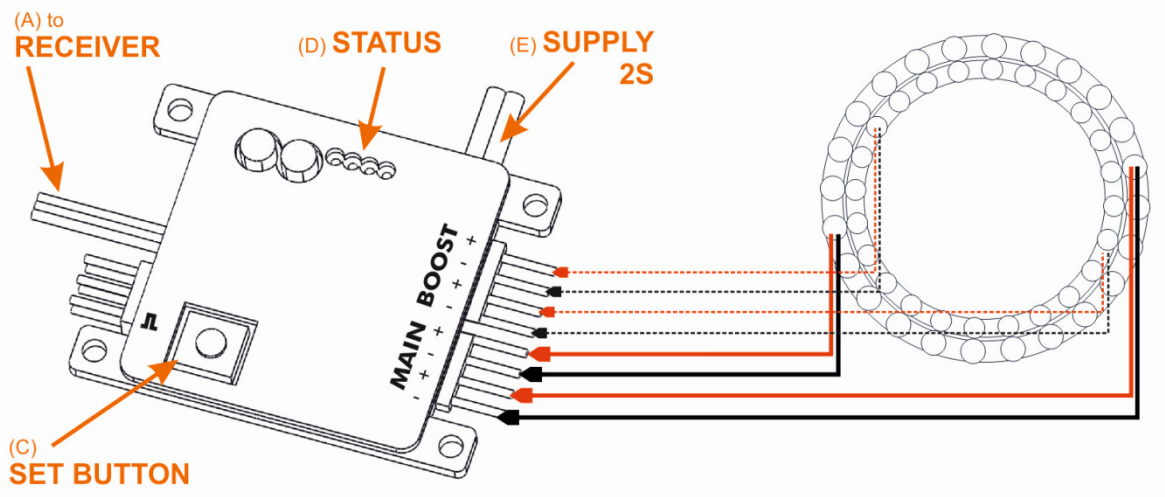


Further information and manuals available at www.unilight.at

2. BOOST Effect with two connection cables. Especially effective with afterburner rings of the RINGX series.



3. Two rings, one inside the other, with specifically controlled BOOST ring inside or outside.



Programming

The easiest method is to operate the afterburner module in parallel to the gas. Therefore, the gas path in the ECU can be adapted to the module. Normally, you should connect the module via a curve mixer with the gas in the remote and then define at which gas position the desired effect should start.

You can set the module on four different operation modes. Hold the set button down and switch on the power supply from the receiver. The LEDs display the current mode, a short press changes the status, switch off for exit programming mode.

MODE 1 slow response characteristic, glowing

MODE 2 quick response characteristic, glowing

MODE 3 slow response characteristic, stuttering

MODE 4 quick response characteristic, stuttering

Technical Data

AFTERBURN-2-800-1

Control side receiver:	4,8-9,6V
Weight (without cable):	10g
Dimensions:	50x35x8mm
Current each Channel:	8A, up to 30V (both plugs used)
Total load:	12A (no protection against incorrect polarity)
galvanically isolated:	YES
Operation also without RC signal:	YES