

SURFY•INDUSTRIES

SURFYPOWER

LINE IN
TS-TRS



LINE OUT
TS-TRS



AMP OUT
4-8 ohm



AMP OUT
4-8 ohm



36V DC
IN

OFF<POWER>ON



12V DC
OUT

12V DC
OUT

SURFY·INDUSTRIES

SURFYPOWER

Amplifier Module

USER GUIDE

CLASS D POWER AMPLIFIER MODULE

This power amplifier module is the perfect companion to your **SurfyMan** preamp pedal.

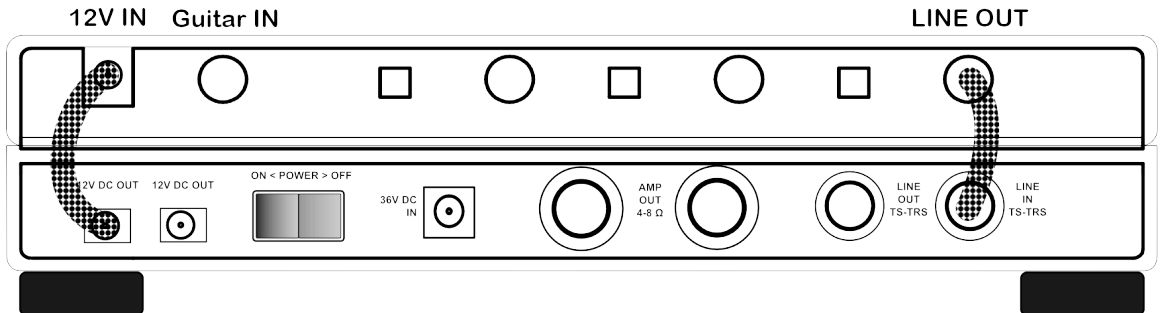
Magnets and two jumper cables (included) will connect the two units. The two modules will work together as a complete guitar amplifier, all in a very small and convenient combo.

The two Speaker Outputs can drive any speaker 4-8 ohm.

The TS/TRS Line Output can be used to drive another power amp, or go straight into a mixer/PA system.

HOW TO USE

- Magnetically attach your SurfyMan pedal on top of the SurfyPower and connect the jumper cables.
- Set Volume and Master to 0 and deactivate "PAD".
- Connect the included 36V DC power supply to the "36V DC IN" jack.



LINE IN TS-TRS	Line input jack, unbalanced (TS) / balanced (TRS). To be connected to the SurfMan line output jack.
LINE OUT TS-TRS	Line output jack, unbalanced (TS) / balanced (TRS).
AMP OUT 4-8Ω	Speaker outputs (BRIDGED), can drive any speaker 4-8 ohm.
36V DC IN	Center positive DC jack for supply voltage. WARNING: <u>use only the supplied power supply.</u> Spare parts or replacements are available at surfyindustries.com
POWER (switch)	Main power switch. In order to avoid the risk of damaging your speaker, connect your SurfMan pedal before powering up the unit.
12V DC OUT	1A center positive power output. The jack is to be used for the SurfMan pedal or to power up a SurfBear reverb unit.

IMPORTANT INFORMATION

- Always make sure the jumper cables are connected BEFORE powering up. Please notice the amplifier module does not have a volume control.
- The Surfypower is powerful amplifier and might be able to blow your speakers. Please check the power ratings for your speaker before using.
- This device can produce volume levels that may cause temporary or permanent hearing.
- Connect the AMP OUT to speakers and cabinets only. Connection with grounded devices (e.g. power soak or DI Box) will cause serious damage.
- The included 36V power supply is made for the Surfypower amplifier module only. Do not use other power supplies for powering the Surfypower. Do not modify the mains cable, the DC cable or the plugs. Failure to do so could result in electric shock/short-circuits/death or fire.

TROUBLESHOOTING

NO SOUND, LOW SOUND

- SURFYMAN POWER LED IS ON - Make sure that the jumper cables between SurfPower and SurfMan are properly connected. Make sure that "gain volume", "master volume" and your instrument volume are turned up. Make sure that the PAD feature is not activated. Make sure that input, jumper, and speaker cables are all working properly. Try an alternative speaker and/or try using headphones (connected to the SurfMan headphones jack) to see if you have signal.
- SURFYMAN POWER LED IS OFF - Check the external 36V power supply. If the green power supply LED is on, make sure that the plug from power supply is fully inserted into the 36V DC IN jack. If the green power supply LED is off, make sure that the AC power is plugged in. If so, unplug the power supply from the SurfPower. If the green LED comes on the SurfPower could be malfunctioning. If the green LED stays off the power supply could be malfunctioning. Contact Surf Industries for service assistance. If the sound from the SurfPower remains weak and poor, the unit might need servicing.

HUM AND NOISE

Hum and buzz are chronic problems with electronic instrument connections. To track down the source, reduce guitar volume to zero. If the hum clears up, the noise is coming from the guitar. Guitar hum is frequently affected by where you position yourself, and often increases when not touching the strings. If the hum remains, unplug the guitar cable from the SurfMan preamp. If this fixes the hum, try another cable. If the hum remains after unplugging the input, the problem may be a ground loop between the SurfMan/SurfPower and outboard console or other equipment. If possible, operate from the same AC strip and, if necessary, insert a ground-lift Direct Box between the Line Out and the console Line In. If the ground Loop hum/noise is difficult to eliminate the solution might be to use a "ground loop isolator cable".

LOUD SCREECHING NOISES

Be sure the speaker output is only connected to a stand-alone speaker (or left unplugged). Accidentally connecting the speaker output to a signal input will often cause runaway feedback or damage the SurfPower speaker output.

IMPEDANCE	
Line input impedance, ¼" TS/TRS	10 kΩ
Line output impedance, ¼" TS/TRS	600 Ω
VOLTAGE AND CURRENT DRAW	
Supply voltage	36V DC (center positive), 2.1mm DC jack
Power output (for SurfyMan pedal)	12V DC 1A (center positive), 2.1mm DC jack
OUTPUT POWER	
At 8 ohm load, ¼" TS	100 W
At 4 ohm load, ¼" TS	200 W
POWER SUPPLY	
Mains voltage	100–240V AC, US/EU/UK cables available
DIMENSIONS AND WEIGHT	
Dimensions	230 x 115 x 40 mm (9 x 4.5 x 1.6 in)
Weight	0.8 kg (1.8 lb)

FCC CERTIFICATION

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

- This device may not cause harmful interference.
- This device must accept any interference received, including interference that may cause undesired operation.

