THE STEREO PAK is a portable stereo headphone amp incorporating best possible sounds and effects of use to every guitarist. Two or more players, each equipped with a STEREO PAK and a conventional stereo cable can play together, each hearing his own and the other player's sound simultaneously in full stereo. Rhythm machine or drum computer can be additionally added to these two signals and all three can be simultaneously recorded.

SWITCHING ON
To switch on the STEREO PAK the 9V battery supplied must first be installed in the battery compartment (29) at the back of the unit. Plugging a guitar cable into the input jack (9) switches the unit on automatically.

The STEREO PHONES jack for your headphones (19) is also on the back panel of the unit.

Now switch the SOUND SELECTOR (11) to position NORMAL.

The EFFECT ON/OFF button (1) switches the effect section off or on (green LED (2) on). Set it in "OFF" position. Set the volume with the VOLUME Control (15) to approx. position 6. Turn the volume pot of your instrument to max. position. Now turn the GAIN control (10) until the output of your instrument and the input sensitivity of the SST STEREO PAK match: No distortion should be heard, even when the strings are hit hard.

We designed the GAIN electronics to slightly increase bass response when low-output pickups are used (such as single coils) and to slightly increase presence when turned more to low position in connection with high-output pickups (such as humbuckers etc.)

SOUND SECTION
Choose one of the following four sounds with SOUND SELECTOR switch (11):
NORMAL - CLEAN - OVERDRIVE - DISTORTION.

SPEAKER SIMULATION
The integrated speaker simulation circuit can be switched to three different positions with switch (13):
OFF - speaker simulation off,
FIX - speaker simulation on, fixed preset
VARIABLE - speaker simulation on, TONE Control (14) is active, you can set the desired sound.

The TONE control (14) shifts the cut off frequency to achieve more or less treble.

EFFECT SECTION
The EFFECT ON/OFF button (1) switches the effect section off or on (green LED-indication (2) on).
In CHORUS FIX position - button (3) up - the stereo chorus preset is active.
In VARIABLE position - button (3) down - it is possible to change the following parameters of the integrated delay circuit:
INTENSITY (4) - SPEED (5) - TIME (7) - REPEAT (8)

The SPEED control (5) changes the frequency (speed) of the modulation from slow to fast.
The red LED (6) flashes to indicate the chosen speed.
The intensity of the modulation can be set with the INTENSITY control (4).
The TIME control (7) manages to change the delay time from 2 to 25ms.
The REPEAT control (8) sets the amount of feedback, i.e. how often the signal will be repeated.

TYPICAL SETTINGS:

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<thead>
<tr>
<th>Stereo Small Room Sound</th>
<th>INTENSITY</th>
<th>SPEED</th>
<th>TIME</th>
<th>REPEAT</th>
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<th>Stereo Slap Back Sound</th>
<th>INTENSITY</th>
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<th>Stereo Flanger Sound</th>
<th>INTENSITY</th>
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<th>Stereo Chorus Sound</th>
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CONNECTIONS

HEADPHONES:
The headset supplied with the STereo PAK has been specially designed to deliver maximum frequency response and acoustic compatibility. It is also possible to use any stereo headset equipped with the compatible input jack. Connect the headphones to socket STereo PHONES (19) on the back panel of the unit.

RECORDING:
The INTERCONNECTION jack (16) must be connected via stereo cable to the inputs of a tape recorder. The output gain will not be affected by the VOLUME control (15).
The AUX IN/OUT jack (17) may be additionally used for recording purposes (SELECT switch (18) to position AUX). In this mode, the output gain can be adjusted by use of the VOLUME control (15).
All signals fed into the AUX IN/OUT socket (17) can be recorded simultaneously with the guitar signal – in stereo (for example a drummachine, a playback or another STereo PAK etc...).

AMPLIFIERS:
There are different possibilities to connect your STereo PAK to guitar amps:
SEND (22): mono output, no effect signal
AUX IN/OUT (17): stereo output with effect signal, output gain affected by VOLUME control (15)
INTERCONNECTION (16): stereo output with effect signal, output gain not affected by VOLUME control (15)
PHONES (19): stereo output with effect signal, output volume affected by VOLUME control (15).

It depends on the components of your equipment to figure out, which of these connections are the ultimate. So: Check it out by yourself!

TIP: For all stereo-outputs please always use stereo cables. Failure to do this will cause a short circuit on one channel.
When working with batteries, don’t use the PHONES output (19) too hard: This will prolong battery life!

INTERCONNECTION MODE
Play together with other musicians – at the same time:
You just have to connect the INTERCONNECTION jacks (16) or the AUX IN/OUT jacks (17) of two or more STereo PAKs via simple stereo cables. To achieve a perfect mix of all devices, just use the GAIN control (10).

EXAMPLE: TWO STereo PAKs and DRUM-MACHINE RECORDING:
Connect a drummachine to AUX IN/OUT jack (17) – SELECT switch (18) to pos. INTERCONNECTION - of STereo PAK 1. Stereo
Connect STereo PAK 2 to STereo PAK 1 with stereo cable via INTERCONNECTION jack (16) of each. Connect channel 1 and 2 (or left and right) of the tape deck to AUX IN/OUT socket (17) – SELECT switch (18) to pos. INTERCONNECTION - of STereo PAK 2. Ready – let the tape go!

EXTERNAL EFFECT DEVICES
You want to have stereo effect units like digital delays or reverbs linked to your STereo PAK? No problem. Connect the mono input of your effect device to the SEND jack (22) of the STereo PAK. Then connect both stereo outputs of your effect device to the AUX IN/OUT jack (15) – SELECT switch (16) to pos. INTERCONNECTION - of the STereo PAK. If you use a mono effect device, it’s output should be connected to the RETURN jack (23) of the STereo PAK.

IMPORTANT NOTES
Please use high quality, shielded cables only.
Don’t take your STereo PAK in the shower – in other words: please treat it carefully, only cleaning it with a dry duster. Use good, leakproof batteries only.
Please realize: battery life is limited and you are working with a high powered unit. Disconnecting the INPUT switches the unit off and will save battery life!
O.K. – now let’s go: enjoy your STereo PAK!

CAUTION: Prolonged listening at high levels may be hazardous to your hearing!

Required PSU: 9V DC, 200 mA min.
Electrolytically stabilized
plug: STP-1 (2.1 mm diameter)

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A No. 1 OF HAMBURG CONCEPT
STEREO PAK INTERCONNECTION MODES

External Effect Device

Tuner, permanent use during performance

3 Guitars and Drum Machine
Recording Simultaneously

Stereo Interconnection

Mono Effect Loop

Fender Musical Instruments Corp.
1130 Columbia Street - Brea, California 92011 U.S.A.

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