

## Connections

- INPUT:** Using a high quality shielded INSTRUMENT cable, connect a guitar or the output of a pedal to this jack.
- TO INs:** Using high quality shielded INSTRUMENT cables, connect these jacks to the instrument level input jack of the amplifiers to be switched.
- FROM OUTs:** Using high quality UNshielded SPEAKER cables, connect these jacks to the speaker output jack of the amplifiers to be switched.
- SPKR:** Using a high quality UNshielded SPEAKER cable, connect this jack to the speaker cabinet.
- FTSW:** Connect the supplied footswitch to this jack using a ¼" tip-ring-sleeve cable (for the dual-color LED to work on the footswitch) or a standard ¼" tip-sleeve cable (for just the green color of the footswitch LED to work).
- POWER:** See the *Power Requirements* section.
- STATUS LED:** Green = AMP #1 & Red = AMP #2

## Basic Operation

HAVE YOU READ THE HEAD SWITCHER SAFETY & WARNING DISCLAIMER ? WELL READ IT AGAIN !!!

Connect a guitar/pedal, the amplifiers, the speaker cabinet and the footswitch to the HS2 Remote Head Switcher as described in the *Connections* section (above). It is strongly recommended that the switcher be positioned near the heads and cabinet to minimize the chance of a cable being accidentally disconnected.

Make sure that ALL connections to and from the HS2 Remote Head Switcher are complete and correct. ALWAYS apply power to the HS2 Remote Head Switcher first and verify both the front panel LED and footswitch LED change color and that you can hear the relays switching whenever you stomp on the footswitch (if not, DON'T use the switcher and contact Axess for support). Now power-up the rest of your gear and let it rip, simply stomp on the footswitch to switch between heads !!!

## Power Requirements



200mA@9.6VDC  
Use Boss PSA Adapter Only  
5.5mm/2.1mm Barrel Connector

## Warranty

This product is warranted against failures due to defective parts or faulty workmanship for a period of one year after delivery to the original owner. During this one year period, Axess Electronics will make any necessary repairs without charge for parts and labor. However, shipping charges to and from the repair location must be paid by the owner.

This warranty applies only to the original owner and is not transferable.

This warranty does not cover damage to the product as a result from accident or misuse.

This warranty will be canceled at the sole discretion of Axess Electronics if the product has:

1. Any signs of tampering, unauthorized service, or modifications.
2. Any damage resulting from physical abuse or failure to follow the operating instructions.

Axess Electronics' liability to the owner and under this warranty is limited only to the repair or replacement of the defective product. Call or write to Axess Electronics prior to shipping the product for repair.

Axess Electronics reserves the right to make any changes and/or improvements to the design of this product without any obligation to include those changes in any previously manufactured units.

## How To Reach Axess Electronics

Mail: Axess Electronics  
251 Queen Street South #278  
Mississauga, Ontario L5M1L7  
Canada

Tel.: <http://www.axess-electronics.com>

E-mail: <http://www.axess-electronics.com>

Website: <http://www.axess-electronics.com>

# HS2

## Head Switcher

- The **HS2 Head Switcher** allows instant switching between two different tube amp heads and the same speaker cabinet.
- The head switcher is remote controlled by a single latching footswitch (included) using a ¼" tip-ring-sleeve cable (for the dual-color LED to work on the footswitch) or a standard ¼" tip-sleeve cable (for just the green color of the footswitch LED to work).
- The footswitch is housed in a .094" thick black anodized aluminum enclosure (4.40" x 2.40" x 1.30") and along with the dual-color LED it has a long-lasting, heavy-duty *Carling* (the real thing) stomp switch which has a positive tactile feel.
- Switching between the two amps is dead quiet and immediate - no loud clicks, pops or drop-outs.
- A proprietary circuit allows only one amp on at a time, protects the amplifier that is not selected and protects both amps and the HS2 relays when switching.
- Proper circuit design and isolation of the amplifiers ensures no Ground Loop Hum or Noise, signal/tone coloration or degradation.
- Powered by a 9VDC Adapter (like those from Boss) with a 5.5mm/2.1mm barrel connector.
- Housed in a compact (7.50" x 3.75" x 1.50") and rugged .064" thick aluminum enclosure for years of reliable use and performance.
- Brushed finish with black anodize coating and laser-engraved printing.

# Head Switcher Safety & Warning

1. The Head Switcher switches high level speaker signals. Failure to properly connect it WILL damage the amplifiers and/or the Head Switcher, so ALWAYS make sure that ALL connections to and from the Head Switcher are complete and correct before applying power to any piece of equipment.
2. ALWAYS match both amplifier impedance settings to the speaker cabinet connected.
3. ALWAYS use high quality shielded INSTRUMENT cable when connecting from a guitar/pedal to the Head Switcher and from the Head Switcher to the amplifier inputs.
4. ALWAYS use high quality UNshielded SPEAKER cable when connecting from the amplifier speaker outputs to the Head Switcher and from the Head Switcher to the speaker cabinet.
  
5. ALWAYS use the recommended AC Adapter (see label on the back of the Head Switcher or the User Manual - "Power Requirements" section).
6. NEVER use the Head Switcher to switch solid state amplifiers, it WILL damage them and the Head Switcher.
7. The Head Switcher MUST be properly grounded, not only to provide shielding from hum/noise, but also to prevent any SHOCK HAZARD. Since the Head Switcher uses an isolated AC Adapter, it is connected to earth ground (AC - 3rd Pin) via it's connection to AMP#1. AMP #2 is isolated to prevent Ground Loop Hum/Noise. Therefore, make sure that both amplifiers being connected to the Head Switcher are properly grounded (have a 3<sup>rd</sup> pin on the AC Plug) and have not been modified by having the AC Ground(s) lifted.
8. Axess Electronics accepts NO responsibility for damage or injury caused by improper connections to and from the Head Switcher.
  
9. NEVER use a delay with a trail-off/slapback (or any other effect that will continue to generate an output signal after its input has been muted) between the "TO INs" jacks on the Head Switcher and the amplifier inputs or in the effect loop of the amplifiers, UNLESS you can GUARANTEE that the amplifier(s) with such an effect will ONLY be deselected when there is no trail-off/slapback being generated. Otherwise, damage to the Head Switcher and the amplifier(s) WILL occur.
10. Axess Electronics accepts NO responsibility for damage or injury caused by the failure of any component inside the Head Switcher or its footswitch.
11. Use of the Head Switcher implies that the user/owner agrees to all of the terms stated within this document and waives his/her right to a liability claim against Axess Electronics for any damage or injury caused while using the Head Switcher.