

TC-616 Six Way Stereo Speaker / Amplifier Comparator

The TC-616 is a simple stereo speaker/amplifier selector which allows push-button comparison of the performance of different speakers or amplifiers in either a home or retail environment. More complicated commercial switchers which do this are much too expensive to include in a home audio system; our product provides this functionality at an affordable price.

The word AMPLIFIER in this manual is used to describe all audio sources which can be connected to this product. Virtually any stereo integrated amp, power amp, or receiver can be used with the TC-616. Mono use is possible as well; simply make all amp and speaker connections to the channel of your choice (either L or R), and leave the other channel empty.

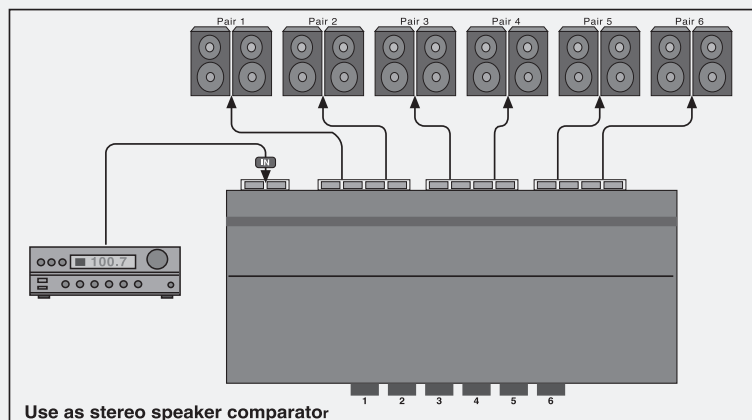
Features:

- Amplifier comparator function: connects any one of up to six stereo amplifiers to one speaker pair.
- Speaker comparator function: connects any one of up to six speaker pairs to one stereo amplifier.
- Supplied with pre-printed self-adhesive equipment identification labels.
- Independent left and right channel ground paths for compatibility with all amplifier designs (including autosound).
- Snap-in push terminals provide quick and safe connections.
- Dimensions: 250mm x 110mm x 45mm.
- Net weight: 685gm.
- Power rating: 100 watts (per channel)
- Sturdy steel housing.

ALWAYS turn the power OFF on all amplifiers when making or changing connections, and reduce the volume before selecting amplifiers or speakers with this product. Operating the TC-616 switches at high volumes can create transients which may cause permanent damage to the connected components. This product's warranty does not cover damage to it or connected components due to misuse or careless operation.

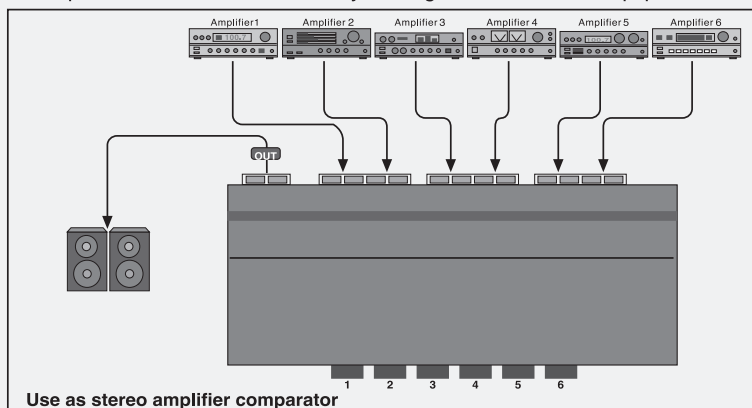
A. To use as a speaker comparator:

- Use quality 14AWG or larger stranded speaker wire to make all connections, and twist the stripped conductor ends tightly before inserting (tinning with solder is suggested for a neater connection, but is not required).
- Connect as many as six speaker pairs to the rear speaker terminals marked SPKR 1 thru SPKR 6, taking care to match polarities and to connect L to L and R to R.
- Connect the speaker outputs from one amplifier or receiver to the TC-616 terminals marked "To Amp", taking care to match polarities and to connect L to L and R to R.
- Select the desired speaker pair by pressing the corresponding button; do NOT attempt to press two or more switches simultaneously (this can cause major amplifier damage).
- Pressing any other switch will release the latched switch.
- Use the label kit included to identify the front panel switch functions as needed.



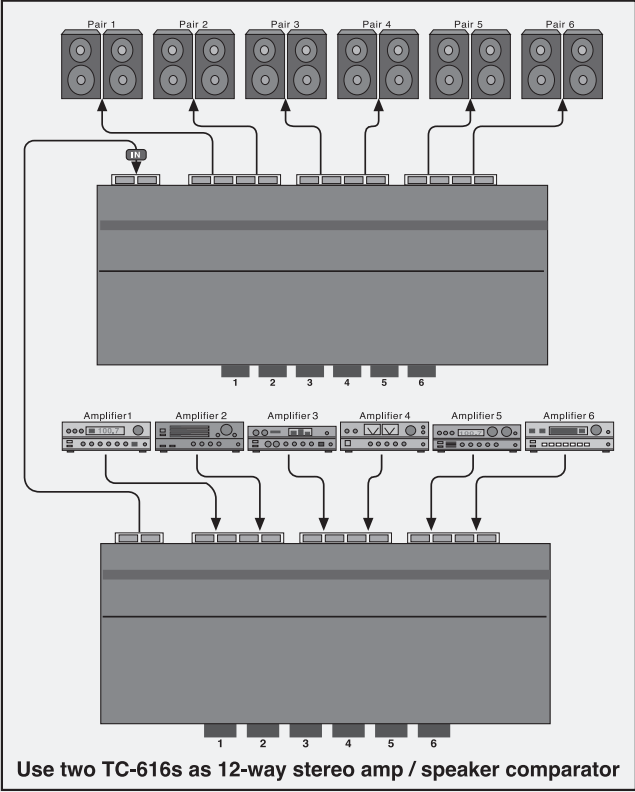
B. To use as an amplifier comparator:

- Use quality 14AWG or larger stranded speaker wire to make all connections, and twist the stripped conductor ends tightly before inserting (tinning with solder is suggested for a neater connection, but is not required).
- Connect the speaker outputs from as many as six stereo audio amplifiers or receivers to the TC-616 terminals marked AMP-1 thru AMP-6, taking care to match polarities and to connect L to L and R to R.
- Connect one stereo speaker pair to the TC-616 terminals marked "To SPKR", taking care to match polarities and to connect L to L and R to R.
- Select the desired amplifier by pressing the corresponding button; do NOT attempt to press two or more switches simultaneously (this can cause major amplifier damage).
- Pressing any other switch will release the latched switch.
- Use the label kit included to identify the front panel switch functions as needed.
- When using the TC-616 as an autosound amplifier comparator, you MUST use separate 12VDC power supplies for each amp. Using one supply for multiple amps can cause unpredictable behavior and may damage the connected equipment.



C: Other suggested uses:

- To use to compare both amps and speakers at once, two TC-616s are required:



- Multichannel (surround or home theater) equipment may be used, but only the FRONT channels can be connected using a single TC-616. Use additional TC-616s to connect rear, center or subwoofer channels. Each TC-616 can handle two channels.

