

## ALK-2 Switch



The ALK-2 two-port Audio/Linear/Key switch is a versatile Amateur Radio accessory. The ALK-2 electronically switches a common 1/8" stereo jack and stereo RCA jacks between two other sets of 1/8" stereo/RCA jacks. Although the intended purpose of the ALK-2 is to switch stereo audio, code keys, or linear amplifier interface signals; virtually any pair of low voltage signals can be switched between the two ports. On the front panel there is one pushbutton and two LED indicator lights. The button is a pushbutton toggle switch which selects between the two sets of cables connected to the rear ports. The LED's indicate which port is selected.



The rear panel of the ALK-2 features three ports. Each port consists of a 1/8" stereo jack wired in parallel with two RCA jacks. Each RCA jack connects to one of the two circuits in the 1/8" stereo jack. When using a mix of 1/8" stereo plugs and RCA plugs, the ALK-2's RCA jacks follow the industry standard convention for color coding. The red jacks connect to the 1/8" jack's right audio channel, and the white RCA jacks connect to the 1/8" jack's left audio channel. One port is a common port, and the other two are the switched ports. The front panel pushbutton alternately connects either Port 1 or Port 2 to the Common Port. The DC power jack accepts 12 volts DC at 100 mA, center positive.



## Specifications



- Two switched sets of parallel-connected 1/8" stereo jacks and RCA jacks.
- Two circuits (stereo) switched. Red jacks are right channel, white jacks are left channel.
- Stereo 1/8" plug and RCA plugs of a given port are wired in parallel
- Maximum current 1A per circuit, 32 V.
- Remote operation possible (see Application Hints)
- Requires 12 volts at 100 mA, 2.5 x 5.5 mm jack, center positive
- If RF is transmitted through the ALK-2, keep it below 5 watts, 30 MHz, 3:1 SWR.
- 6.5" wide x 3.5" long x 1.5" high
- Weight 1 pound

*Autoryzowany Przedstawiciel LGD w Polsce:*

**abel & profit**  
centrum radiokomunikacji

**INRADIO**  
**ABEL & PRO-FIT** Centrum Radiokomunikacji  
ul. Puzszkina 80 92-516 Łódź Poland  
tel. (+42) 649 28 28 fax: (+42) 677 04 71  
e-mail: biuro@inRADIO.pl  
internet: www.inRADIO.pl