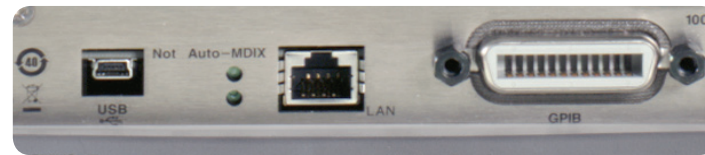



Keysight 11713B/C Attenuator Switch Driver



The Keysight Technologies, Inc. attenuator/switch drivers provide remote or front panel drive control for programmable attenuators and electromechanical or solid state switches. These attenuator/switch drivers provide an intuitive user interface, a variety of switching options, software programmability, and remote control features for quick, easy design validation and automated testing.



Complete connectivity-standard!

Powered by LXI class C compliance 

Key features

- **User-friendly interface**
Quick setup, switching, and remote control of small scale ATE
- **Multiple connectivity options**
GPIB, USB or LAN for easy remote integration
- **External VDC port connects**
Compatible with any type of switch and provides forward compatibility with Keysight 11713A
- **Built-in counter**
Monitor the life cycle of attenuators and switches

Model	11713B/C
Drive power supply	
Voltage	+24 ±5% +5 ±5% (11713C only) +15 ±5% (11713C only)
Current	1.7 A maximum continuous current Contact pairs 1 through 8, 9, 0, maximum current of 0.7 A per contact
Remote programming	
Interface	GPIB interface operates to IEEE 488.2 and IEC65 10/100 BaseT LAN interface USB 2.0 interface
Command language	SCPI standard interface commands, Keysight 11713A backward compatible
GPIB compatibility	SH0, AH1, T0, TE0, L2, LE0, SR0, RL1, PPO, DCO, DTO, CO
Supplemental specifications and characteristics	
Supplemental characteristics are intended to provide useful information. They are typical but non-warranted performance parameters.	
Line power	85 to 264 Vac, automatic selection, 47 to 63 Hz 100 VA maximum
Response time	100 µs maximum for contact pairs 1 through 8 20 ms maximum for contact pairs 9 and 0
Driver life	> 2,000,000 switchings at 0.7 A for contact pairs 9 and 0
Maximum load inductance	500 mH
Maximum load capacitance	< 0.01 µF for contact pairs 9 and 0

Ordering information

Model	Option	Description
11713B/	STD ¹	Standard configuration, full compatibility to 11713A
11713C	LXI ¹	LXI class C configuration, additional USB/LAN connectivity
	001	Viking connector to 10-pin DIP connector
	101	Viking connector to viking connector
	201	Viking connector to 12-pin conductor cable, bare wire
	301	Viking connector to (4) ribbon cables
	401	Dual-viking connector to 16-pin DIP connector
	501	Viking connector to (4) 9-pin Dsub connectors
	502	Viking connector to (2) 9-pin Dsub connectors
	601	Viking connector to 16-pin DIP connector
	701	Viking connector to 14-pin DIP connector
	801	Viking connector to (4) 10-pin DIP connectors
	908	Rack mount kit for one instrument
	909	Rack mount kit for two instruments

1. Only for 11713B.

For more detail information on “Keysight attenuator/switch driver”, please refer to product literature number 5989-6696EN.

For more information on Keysight switches, please visit

www.keysight.com/find/switches

Download or order from www.keysight.com/find/mta

To find a distributor in your area, go to: www.keysight.com/find/distributors



Three-Year Warranty

www.keysight.com/find/ThreeYearWarranty

Keysight’s commitment to superior product quality and lower total cost of ownership. The only test and measurement company with three-year warranty standard on all instruments, worldwide.

Keysight Assurance Plans

www.keysight.com/find/AssurancePlans

Up to five years of protection and no budgetary surprises to ensure your instruments are operating to specification so you can rely on accurate measurements.



11713B/C Comparison chart

Model	11713B	11713C
Drives up to	2 programmable attenuators and 2 electromechanical/solid state switches	4 programmable attenuators and 4 electromechanical/solid state switches
Drives up to	10 SPDT switches ¹	20 SPDT switches ¹
Voltage	24 V	5, 15, 24 V
Voltage drive	1	2 independent banks of outputs
Attenuators types	Any Keysight 8494/5/6/7, Keysight 84904/6/7K/L/M	Any attenuator or switches ²
Switches types	Any Keysight 8761, 8762, 8765 series, or U9397A/C	Any attenuator or switches ²
Connectivity	GPIB with option for USB, LAN (LXI Class C)	GPIB, USB, LAN (LXI Class C)
Backwards compatibility with 11713A	Yes	Yes

1. The amount of switches and attenuators that can be driven will depend on the type of switch configuration and the attenuator sections.
2. Accepts most attenuators and switches available today.



LXI is the LAN-based successor to GPIB, providing faster, more efficient connectivity. Keysight is a founding member of the LXI consortium.
www.lxistandard.org