

# Airbag Stationary Squib Device ATH-4S

- Applied to ignition tests of airbag, seatbelt and other initiators;
- Squib Output 4 independent channels;
- Squib current 1.00A~3.00A adjustable;
- Squib pulse width 0.1ms~5ms adjustable;
- Squib delay 0.2ms~2000.0ms adjustable;
- Airbag resistance measure automatically;
- Support multi-channels I/O and sensor connecting channels, realize airbag squib test system building easily.



ATH-4S is mainly used in the ignition test of airbags, seat belts and engine hood lifters. The ignition device is equipped with trigger input and multi-channel trigger output used to trigger high-speed cameras, data acquisition equipment, etc.; equipped with multi-channel IO, which can be used for logic control such as lighting, ventilation, access control, etc.; equipped with multi-channel analog input. Sensor signals such as pressure, acceleration and force can be collected synchronously.

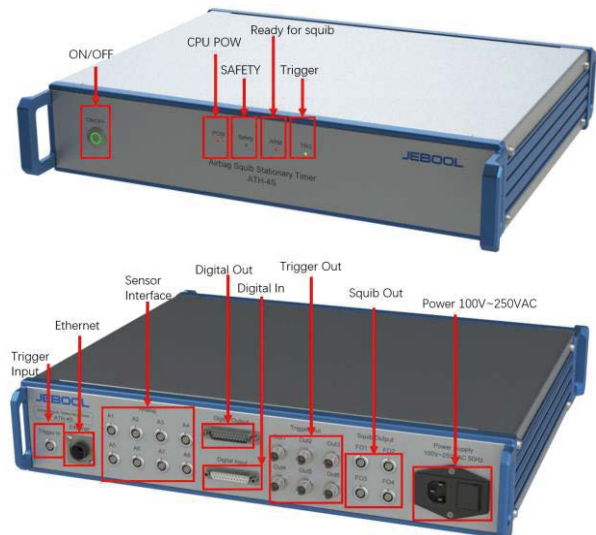
### Specification (25°C)

Name	Unit	Value
Squib channel	Channels	4
Squib current	A	1.00~3.00
Pulse width	ms	0.1~5.0
Delay	ms	0.2~2000.0
Current sampling	kHz	50
Voltage sampling	kHz	50
Trigger input	T0	Switch+TTL
Trigger output	default switch	6 channels
Digital output	default switch	8 channels
Digital input	default switch	8 channels
Analog input	sensor input	8 chs (50kHz)
Res. measure	Ω	1.000~5.000
Squib voltage	V	>18
Communication	/	Ethernet
Power button	Self-Lock	Button & LED
Power supply	With fuse	100~250VAC
LED indicators		POW, SAFETY, ARM, T0

Default Power cable and Ethernet cable included.

4pcs Squib Output Cable included.

### Interface define:



Squib OUT 1-4 : LEMO EGG.1B.304



Pin 1	Fire+
Pin 2	Measure Sense+
Pin 3	Fire-
Pin 4	Measure Sense-