

Airbag Timer AT-12C

- Applied to onboard airbag timing squib;
- 12 channels independent control;
- Timing step 0.1ms;
- Squib current > 2A;
- Airbag resistance monitoring;
- Squib current and voltage data storage.



The onboard airbag timer is mainly used in the vehicle crash test, or in the simulation car test. AT-12C has 12 squib channels, and each channel can be set independently, and the status of the connected airbag can be displayed in real time through its own indicator light. The equipment has a built-in UPS battery and independent burst capacitors for each channel, and it can collect data on burst current and voltage at the same time. The JBUS bus connector can support daisy chain connecting with other JBUS devices.

Specification (25℃):

Name	Unit	Value
Channels	/	12
Squib Max. Current	A	>6
Squib Voltage	V	≥20
Timing Step	ms	0.1
Max. Delay Set	ms	999.9
Data Sampling	Hz	10000
Trigger Type	T0	Switch
Bus Voltage	V	24~55
Communication	/	Ethernet
Battery Working Time	hours	≥6
Anti-Shock (XYZ)	> 100g @6ms half sine	
Material	/	Al. Alloy
Weight	kg	1.8
Dimension	mm	231×64×70

LED POW: Bus Power Indicator;

LED BAT: Battery On Indicator;

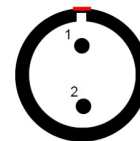
LED ARM: ARM Status Indicator;

LED T0: T0 Trigger Indicator;

ETA, ETB: Communication Indicator.

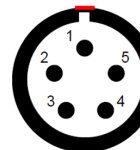
Connector Define:

Squib Output F1-F12: ODU GK1L0C-P02Q



Pin 1	Squib Output+
Pin 2	Squib Output-

Trigger Input TRG IN: ODU GK1L0C-P05Q



Pin 1	T0 Switch+
Pin 2	T0 Switch+
Pin 3	SR Switch+
Pin 4	SR Switch+
Pin 5	Not Connect

JBUS (JEBOOL Data Bus Interface) :

ODU GK2L0C-P16Q