



MODULAR LABORATORY AT-800



OVERVIEW

The AT-800 Modular Laboratory is an ideal training & experiment tool for a wide range of use in Electronics/Computer field. The main unit of AT-800 contains several basic functions, such as DC power supplies, AC voltage output, Function generator, Pulse output, logic switches, data switches, LED indicators, loud speaker and large size solderless breadboard. These functions are very convenient to the users who intend to build

up their own circuit and evaluate it. For advanced users, there is a series of optional module for their choice, such as Digital voltmeter, Logic Probe, Binary-Code-Decimal Decoder, Counter, etc. The other series of optional module is also available, such as Basic Logic Gates, Potentiometers, Relays, Switches, etc. These modules are provided for the convenience of using non-DIP size components.

SPECIFICATIONS

- Regulated DC Power Supplies
+5V/1A, -5V/500mA,
+12V/500mA, -12V/500mA,
Variable 0 to +/-20V/500mA
- AC Voltage Output
18V - 0 - 18V, 50/60Hz
- Function Generator
Sine, Square, Triangle waveform
output, Frequency range from 1
to 100 KHz in 5 decade with Fine
adjust and Symmetry control.
Square wave features TTL mode
- Clock Generator
50/60 Hz output
- One Pulse output switch
- Two Logic output switches
- Eight Hi/Lo Data output switches
- Eight bit LED indicators with buffer
- Loudspeaker 8Ohm, 0.25W
- Large size Solderless Breadboard
with 1,660 tie points
- AC100-120V/60Hz and AC220- 240
V/50Hz are available

APPLICATIONS

- Basic Electronics Training Courses
- Advanced Electronics Circuit Design
- Analog Circuit Experiments
- Digital Circuit Experiments
- Basic Logical Circuit Tracing
- Computer Interfacing Circuits
- Circuit Trouble Shooting

ORDERING GUIDE

- * **AT-800 Modular Laboratory**
Shipped with a comprehensive User's
Manual and packed in a sturdy cardboard
box.
Dimensions: 300 x 285 x 90 mm (WxDx H)
Weight: 2.6 Kgs
- * **AT-80C Module Carrier**
Mounted with AT-800, space for 5 single
modules mounting
- * **AT-80M1 DVM Module**
Digital Volt Meter Module, Range:
200mV, 2V, 20V, and 200V
- * **AT-80M2 Logic Probe Module**
3-state Logic Probe, Hi, Lo, Bad or Open
- * **AT-80M3 BCD Decoder Module**
Binary code Decimal Decoder
- * **AT-80M4 Counter Module**
Frequency Counter
- * **AT-80M5 Logic Gate Module**
Provides OR gate x 4, AND gate x 4, NOR
gate x 4, NAND gate x 4, XOR gate x 4,
NOT gate x 6
- * **AT-80M6 Potentiometer Module**
With 1 K and 100 K Ohm Potentiometers
- * **AT-80M7 Connector Module**
25-pin and 9-pin D-sub Connectors
- * **AT-80M8 Relay Module**
2 pcs of 1P2T Relays
- * **JW4KT Wire and Cutter Package**
4 rolls of jumper wire , 5 meters/roll, and
one wire cutter/stripper
- * **More modules will be released in future**

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