

**OMEGA TYPE CDP-111** Circuits Development Platform is designed to do experimentation with Analog & Digital Circuits in the laboratory. It is a self contained trainer including DC Power supplies, Sine/Square/TTL Generator etc on as a single unit. It is very useful in project work and testing. A number of ready to use experiment circuit boards are optionally available.



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| <p>01 BREAD BOARD : Unique solder-less large size, spring loaded breadboard consisting of two Terminal Strips with 640 tie points and 2 Distribution Strips with 100 tie points each, totaling to 840 tie points. (Size:63mm x170mm)</p> <p>02 DC POWER SUPPLY : Variable DC power: Two Positive output voltage: 0 to 30V Maximum output current:100 mA Fixed power supply: Positive output voltage: <math>\pm 5V, 9V, 12V, 15V, 18V, 24V, \pm 5\%</math> Maximum output current: 100mA</p> <p>03 FUNCTION GENERATOR : Sine / Square / Traingular / Pulse waveform frequency 1 Hz to 110 Khz in 5 Steps. Variable in between steps. Sine / Square / Traingular waveform output 50mV ~ 10Vpp variable</p> <p>04 DIGITAL VOLTMETER : 3 1/2 digits LED display Four ranges:<br/>0 - 2V full scale<br/>0 - 20V full scale<br/>0 - 200V full scale<br/>0 - 1000V full scale</p> <p>05 DIGITAL CURRENT METER : 3 1/2 digits LED display Seven ranges:<br/>0 - 20uA full scale<br/>0 - 200uA full scale<br/>0 - 2mA full scale<br/>0 - 20mA full scale<br/>0 - 200mA full scale<br/>0 - 2Amp full scale<br/>0 - 5Amp full scale</p> | <p>06 PULSER SWITCH : Input for positive or negative pulse triggering from external source.</p> <p>07 DATA SWITCH : Four independent logic level inputs to select High / Low TTL levels.</p> <p>08 LOGIC INDICATORS : Four independent logic level indicators for High / Low status indication of digital outputs</p> <p>09 POTENTIOMETERS : Four Potentiometers (1K, 10K, 100K, &amp; 1Meg) with Sockets.</p> <p>10 COMPUTER INTERFACE : On Board Parallel Port DB-25</p> <p>11 COMPUTER INTERFACE : On Board Serial Port DB-9</p> <p>12 ON BOARD SWITCH : Switch Double pole double through</p> <p>13 BNC TO BANANA ADAPTER : BNC to 4mm &amp; 2mm banana adapter</p> <p>14 WEIGHT : 4 Kg. (Approx)</p> <p>15 DIMENSION : W 412 x H 150 x D 310</p> <p>16 Mains ON/OFF switch, Fuse and Jewel light.</p> <p>17 The unit is operative on 230V <math>\pm 10\%</math> at 50Hz A.C. Mains.</p> <p>18 Good Quality, reliable terminal/sockets are provided at appropriate places on panel..</p> <p>19 Strongly supported by detailed Operating Instructions.</p> |
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- LIST OF ACCESSORIES:**
- 01 Patch Cord Length 50cm 4mm to 1mm Red---04
  - 02 Patch Cord Length 50cm 4mm to 1mm Black-04
  - 03 Patch Cord Length 50cm 2mm to 1mm Red---04
  - 04 Patch Cord Length 50cm 2mm to 1mm Black-04
  - 05 Hookup Wire Size 1/25 5 Color Length 2mtr.each

We are committed to the continuous development of our products, and therefore reserve the right to amend specifications without prior notice.

## OMEGA ELECTRONICS

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