

DRILLClock®

DM-1 "Quick" Coaches Segment Timer
DSP-3A Training Room Display

Coaches Practice Segment Timer / Drill Auto-Timer Weight Training Room Display

The DM-1 "Quick" Timer is a digital segment timer designed for coaching athletics. It will operate as a practice organizer for scheduling activities setup by coaches. The DM-1 also has an auto-timer that coaches can use to recreate and measure individual athlete performance in "reaction" and other timed drill scenarios.

The DSP-3A can mount to any wall surface using four screws. A built-in buzzer gives clear alerts for starting and finishing timed segments. A special alert sounds at one minute and again at 30 seconds before each segment ends. Panel includes a jack for connecting an external horn and a Hi/Lo volume switch for the horn output. Multiple DSP-3A displays may be connected in series and located where they are needed in the training area.

Practice schedules are easy to setup using the DM-1 keypad. The DM-1 also comes with a software application for programming your routines on a PC. Installed on a Windows PC the Programmer-50 application is simple to use to create your drill schedules and save them. They can be loaded onto the DM-1 in seconds. Drill routines may be selected to use 1 to 99 minutes, or use 1 to 99 seconds as a time base for each segment. Rest segments are set in one minute increments 1 to 9 minutes. There are 50 drill segments and 50 rest segments for a total of 100 programmable segments for each routine. Continued...



DSP-3A LED Display and DM-1 "Quick" Timer



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The DM-1 has a 1/100th second auto-timer mode with the “time results” being displayed as a scrolling right to left (00.00) second value. The clock can be started using the keypad or a padswitch or other momentary switch trigger device. The auto-timer can be used as a reaction or “start gun” timer or it can be to set as a “tag to start”, “tag to stop” stopwatch.

Start Gun Race Scenario

- Step on padswitch (close switch);
 1. 3 second ready wait period, ending with start tone sounding, clock starts (switch can open).
 2. If switch is opened before the start tone sounds, an error alarm sounds and a false start occurs.
 3. On a clean start the clock will run until the padswitch is momentarily “tagged” (mom closed).
 4. The time result is displayed as a scrolling readout repeating until the padswitch is stepped on.

Tag Start -Tag Stop

- Athlete steps on the padswitch. (N/O switch is closed)
 1. Timing starts when the athlete steps off the padswitch. (switch is opened)
 2. Timing stops when the switch is momentarily “tagged” (mom closed).
 3. The result is displayed as a scrolling readout repeating until the padswitch is again stepped on.

Specifications:

Model: DSP-3A

Readout:

2 digits X 3” H LED

Data:

7 segment

Input:

Serial RS232 (9600; 8; 1; n p)

Power:

10 to 14 VDC @ < 1A

Audio Output:

10W 200-3000Hz

Internal enunciator:

Yes, cone type

Audio Alerts:

3 signals

Connection Panel

Audio Output:

Horn output 0.25” phone jack

Audio Level:

Two position Hi/Lo switch

Power In:

2mm barrel jack

Serial In:

DSUB 9pin female

Mode Switch:

Select Serial Mode A/ B, data selection

Cabinet

Size:

11.5” Wide (including ears)

6” High

3.125” Deep

Material:

Grey ABS

Warranty:

4 years

Avatar Sports Electronics

Web: www.avatarresearch.com

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Phone: 866-467-9313

Internal barrier screw terminal connection.

Order type Model: DSP-3W