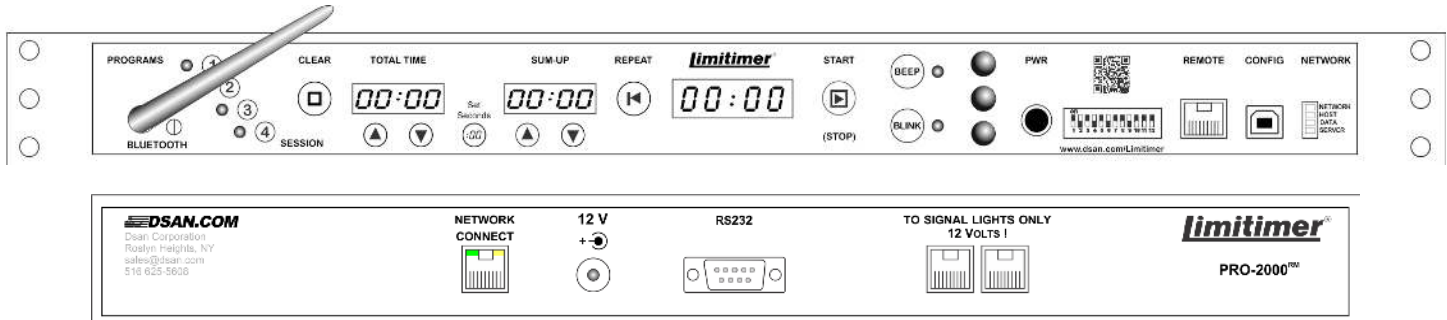# Limitimer®

The traffic light for speakers™

Limitimer PRO-2000RM is a speaker timer system for studio installation. Housed in a 1U rackmount enclosure, it combines the Limitimer controller with an integrated Bluetooth® transceiver, an Ethernet port, and a serial data port to connect to popular touch panels and show control systems. It drives Limitimer Signal Lights by hardwire, over Bluetooth wireless or across local or wide area networks.   It can also be controlled by other client-configured timers in the Limitimer family.

Front DIP switches allow for easy access to set options for sound cues, volume, counting format, seconds display, and wireless channels. Through a front panel USB port, a PC can access user guides, set-up examples, touch panel programs, store personal documents and launch an application to configure network properties (IP address, gateway, mask, port and DHCP).

Note: Limitimer Rackmount is sold without a display signal light.

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Limitimer®

Specifications

Program Presets	4	Additional presets and programmed operation can be managed by a simple ASCII-based API through serial connection to touch panel and show control systems
Signal Light Ports	3	2 in back. 1 in front. RS-485 data communications over Cat-5 cable with 12-volt power allows long runs, multi-drop, or daisy-chain configurations. Additional signal lights via Bluetooth wireless
Network Ports	1	Windows application stored in flash memory available to configure IP address, client/server designation, gateway, mask and DHCP or static IP.
Wireless Channels	4	Integrated Class II Bluetooth transceiver. Can support up to 7 Bluetooth-enabled remote signal lights. Four timer-signal light networks can operate without interference on 4 channels. Effective wireless distance: 300-feet.
Serial Connections	1	RS-232 port supports ASCII-based API. Transmits count-down time of the active program as well as the state of green-yellow-red phase lights. Receives any command corresponding to the buttons on the face of the timer.
Power	110-220 VAC	Provided 1-Amp power supply can drive timer and two signal lights. Larger power supplies, power booster hubs, or local power supplies available.
Sounds	3	Selectable: Beep. Chime. Buzz. None.
Dimensions		Standard 1U rackmount chassis. 1.75" (H) x 8.0" (D) x 17" (W).
Weight	4 lbs	

Optional Accessories

DataConnect®	Add-in to display timer data in a PowerPoint slide.
VideoClock®	Software and USB dongle to display timer data on a top-most window of a PC
Audience Signal Lights	4-inch and 2-inch digital clocks display Limitimer time programs
Bluetooth Receivers	Powered adapters that can enable legacy signal lights for wireless operation
Network Extender	Configurable Ethernet-to-Serial adapter to drive remote signal lights over LAN or WAN
Power Booster	6-and 18-port powered hubs to drive multiple signal lights

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