



# Audience Signal Light

## ASL2-ND3, ASL2-ND3BT

*Desktop time display for conference rooms and legislative chambers*

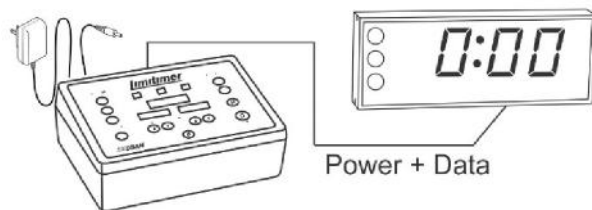


- Two-inch solid LED digits viewable to 50-feet
- Green-yellow-red phase lights activated by pre-set programs
- Beeper
- Wired or wireless connection to Limitimer timer console
- Optional foldable desktop stand that is wall-mountable
- 75 mm VESA threaded attachment holes

### Connections to timer

#### Wired

Connect to a Limitimer PRO-2000 timer console with ordinary Cat-5 cable through either of two RJ45 input jacks. 12V power flows through the cable so that only the timer or the signal light need be externally powered. Optionally, connect an additional signal light through the output port.



For cable runs greater than 100-feet, always provide local power to the signal light using the included 1-Amp power supply (center pin +).

#### Wireless

Model ASL2-ND3BT has an integrated Bluetooth receiver module that is enabled when DIP switch #10 is in the ON position. For wireless operation, use the external power supply.

Pair with a Bluetooth enabled Limitimer that is configured with the same RF channel (DIP switches 11 and 12). Up to 7 signal lights can be paired to one timer. Up to 4 signal light — timer networks can operate in proximity on unique RF channels.

Wireless range is about 250-feet.

**Note:** When pairing, the signal light should be kept within 25-feet of the timer. Once the signal light displays the timer settings, pairing is achieved. Now, the signal light can receive timer data from the full distance range.

### Alternate Wireless Connection

Model ASL2-ND3 does not have an integrated Bluetooth receiver. A standalone Bluetooth receiver (DSan model TR-2000BT) may be used to wirelessly capture Limitimer timer data over the same distance, and then connect to one or more signal lights.

### Connections to other signal lights

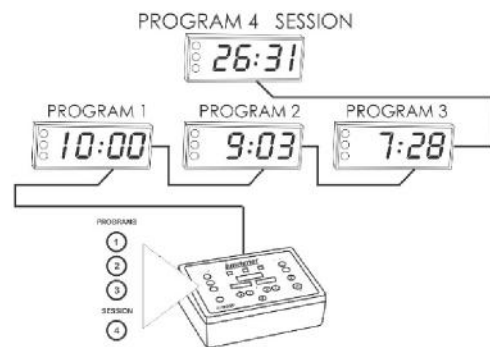
Connect any Limitimer signal light to the output port of the ASL2-ND3. Data and power from a Limitimer connected to the input port will flow to the connected signal light along with power.

## Switch Settings

### 1-4 Display Programs

Limitimer PRO-2000 timer provides four individual timing programs. Use switches 1 to 4 to configure the signal light to display any of these programs. If it is configured to display all the programs, it will show the program that is active on the timer.

Program 4 can run in background. It may be used to time an entire session while Programs 1, 2 or 3 may be used for individual presentations. Only one of these programs may be running at one time.



### 5 Counting

When set to ON, the display will stop at 0:00 even though the timer may continue to count overtime. Set to OFF to display overtime.

### 6 Clock Display Configuration

See Switch #9.

Select 12-hour (ON) or 24-hour (OFF) clock display.

### 7 Suppress Beep

Set to ON (default) for silent operation, even if the Limitimer timer is set to beep.

If set to OFF, and enabled on the timer, the display will beep intermittently after Q:Q. If Beep is disabled on the timer, no beep will sound, even if Beep Suppress is OFF on the signal light. **Note:** To beep only on the signal light, enable beep on the timer, but select a null sound and disable Beep Suppress on the signal light.

### 9 Time-of-day Clock

Signal Light must be locally powered. It will display the time of day when a connected timer is switched off. If switch 9 is set to OFF, digits will be blank when timer is turned off.

## 10 Enable Bluetooth Receive

Set to ON to receive time data wireless from a Bluetooth-enabled timer.

## 11-12 RF Channel

Match with switches 11 and 12 on a timer. Up to 7 signal lights can be wirelessly connected to a wireless Limitimer. Up to 4 timer-signal light networks can operate in proximity without interference on distinct RF channels.

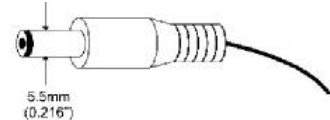


## Power Requirements



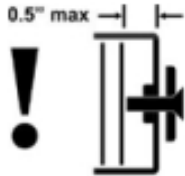
Signal light is supplied with a 12V 1Amp external power transformer that accepts 110-240 V mains fitted with the appropriate plug for your country.

The timer and the signal light each draw approximately 300 mAmp. Therefore, it is possible to operate both the timer and up to 2 signal lights with one power supply. When the cable connecting the signal light to the timer is greater than 100-feet, the signal light should be locally powered.



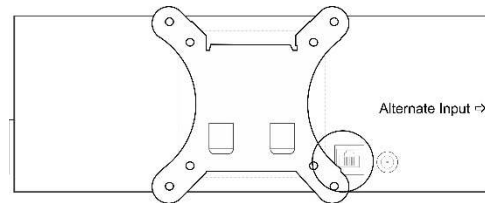
## Installations

ASL2-ND3 and ASL2-ND3BT have 4 M7-.07 threaded bushings spaced to accept standard 75MM VESA hardware.



**Caution** when attaching VESA hardware. The total screw length from the outside of the case should be no more than 0.5". Use a washer or shorter screws. Correct size is M4 0.7mm thread. Consult Dsan for alternate attachment screws.

**Note:** Most VESA hardware is made for 75 and 100MM spacing. Such hardware may have to be modified as one of the legs will cover the rear-facing RJ-45 input data jack. A second input jack is available on the side of the signal light.



## Desktop Stand

A high-quality desktop stand (Model ASL2-STD) is available for ASL2-ND3 and ASL2-ND3BT. The vertical viewing angle can swivel up to 90°. Hole slots on the bottom of the stand allow it to be wall-mounted.



## Dimensions

11.4" (W) x 4.2" (H) x 1.5" (D). See separate dimension drawing.

## Warranty

Instruments made by DSAN Corp are warranted against defects in materials and workmanship one year from date of shipment. Any instrument which fails will be restored free of charge.

## Service and Support



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Products and accessories available for purchase online:

[www.dsan.com/shop](http://www.dsan.com/shop)



Limitimer user guides, bulletins, Q&As:

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