

model series: HYMS-6U(L)-2.3

**Super Bright LEDs: RED, GREEN, YELLOW or BLUE - 2.3 INCH High, 6 Digits  
with SMALLER SECONDS ( Upper or Lower )**

**STANDARD FEATURES:**

- \* Infra Red hand held REMOTE CONTROL for all functions
- \* 12 or 24 Hour and Military Display Format (user selectable via remote)
- \* Stand - Alone operation for Home or Office
- \* Backup:  
Self-recharging backup - NO BATTERY NEEDED
- \* Day/Date/Month/Year Alternating display selection
- \* Fully Adjustable Brightness  
( Manual via remote control )
- \* Julian Day display
- \* Auto Leap-Year correction
- \* Day Light Savings correction
- \* Timers:  
Wake-Up Alarm Timer with soft beeper control  
Stop-Watch function up to 1/100 sec resolution  
Up/Down Presettable Timer and Counter with Alarm  
( up to 99hrs:59min:59sec or 999999 counts )  
Cycling timer, Up and Down
- \* On-Board Alarms: Internal Alarm buzzer
- \* NON-GLARE lens
- \* NON-MULTIPLEXING - Camera friendly
- \* Variety of enclosure colors.

Surface Mount, Metal, Straight or Slanted Enclosure



Multifunction  
Remote Control  
Included



**SPECIFICATIONS:**

Supply Voltage:	115V or 208-240V, 50/60Hz 24 or 12V AC/DC
Power:	6VA average
Operating Temperature:	0C to +50C (32F to 122F) (military range optional)
Humidity:	95% RH max. non cond.
Dimensions (w/o back flange)	14" x 4.25" x 2.5" (35.5cm x 10.8cm x 6.3cm)
Visibility:	Easy up to 80Ft. (25m)

**Optional FEATURES:**

- \* Direct Replacement for existing MASTER - SLAVE SYSTEM CLOCKS  
(replaces round, mechanical or electronic)
- \* Multiple Master-Slave correction modes:  
Master-Slave Power Line Carrier sync (Simplex)  
Master-Slave 2 Wire, RS485 Twisted Pair Sync/Communication  
Master-Slave wireless communication on power line wiring  
Master-Slave wireless RF, radio communication  
Master-Slave network ethernet communication  
Master-Slave BCD digital, ASCII Time Code  
RS232, USB and RS485 serial communication ( PC port as the Master )  
Master-Slave 2 and 3 Wire, 24V Minute Impulse Sync
- \* Multi-Zone synchronized Master-Slave system
- \* Temperature Monitoring and Control:  
Multi-Event Programmable Thermostat ( up to 32 events/day )  
Heating - Cooling Auto Change-Over  
Inside and Outside Thermometer function  
Min/Max Temperature Memory  
Temperature Alarm and Relay outputs ( up to 2 x Form C, 10Amp/250V )
- \* Backup:  
10 Year Lithium battery option
- \* Atomic Clock radio option  
( WWVB60, DCF77, HBG75, MSF60, OHTAKADOYA40, HAGANE60 )
- \* Atomic Clock GPS option
- \* Automatic Brightness with Auto-dimming option
- \* Timers:  
Multi-Event Programmable Timer ( up to 32 events/day )  
Stop-Watch function up to 1/100 sec resolution  
External Start/Stop/Reset switch inputs  
Auto-reloading time period measurement  
Continuous time count on power failure
- \* On-Board Alarm Relays for timers and counters:  
( up to 2 x Form C, 10Amp/250V ) For external load, siren or horn.

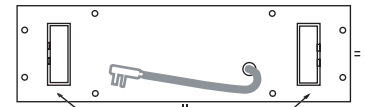
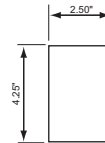
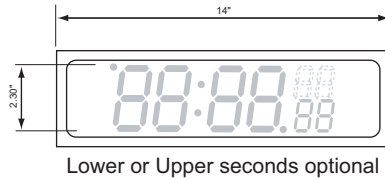


## Enclosure series # 732N and # 733N

### Straight 6-digit model with smaller seconds

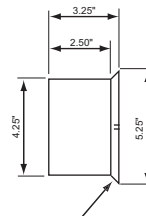
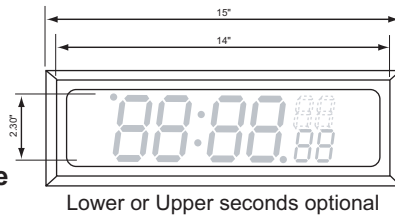
standard colors: white, black and stainless steel

**Standard Surface Narrow Straight Enclosure series 732NF without back flange**

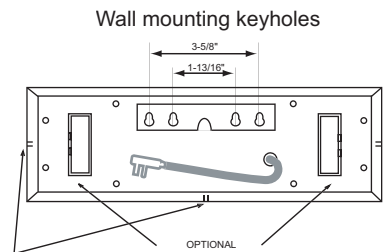


OPTIONAL SCREW TERMINALS  
Short cord with flat plug shown  
Optional:  
1) Long cord or Screw terminal for power connection  
2) Wall plug-in transformer for power

**Standard Surface Narrow Straight Enclosure series 732N with angled back flange**

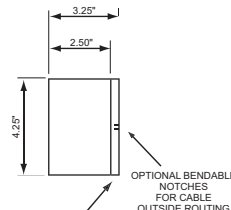
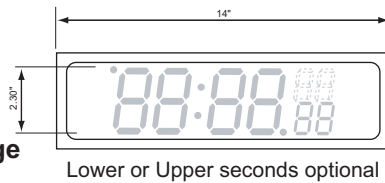


Angled Back flange

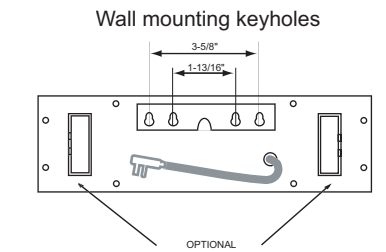


OPTIONAL SCREW TERMINALS  
Short cord with flat plug shown  
Optional:  
1) Long cord or Screw terminal for power connection  
2) Wall plug-in transformer for power

**Standard Surface Narrow Straight Enclosure series 732NR with straight back flange**



Straight Back flange

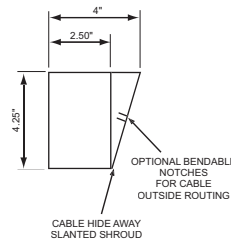
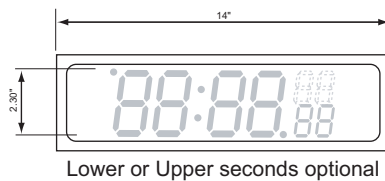


OPTIONAL SCREW TERMINALS  
Short cord with flat plug shown  
Optional:  
1) Long cord or Screw terminal for power connection  
2) Wall plug-in transformer for power

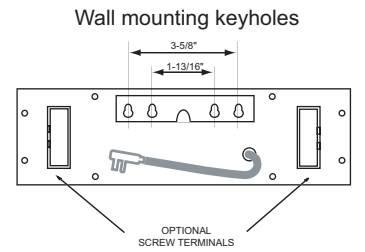
### Slanted 6-digit model with smaller seconds

standard colors: white, black and stainless steel

**Standard Surface Narrow Slanted Enclosure series 733N**



CABLE HIDE AWAY SLANTED SHROUD

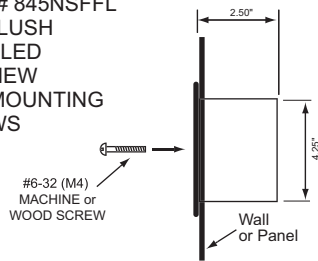


OPTIONAL SCREW TERMINALS  
Short cord with flat plug shown  
Optional:  
1) Long cord or Screw terminal for power connection  
2) Wall plug-in transformer for power

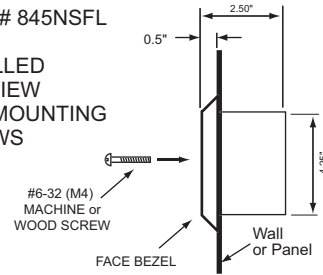
For enclosure series # 732N and # 733N

## OPTIONAL FLUSH MOUNT METHODS

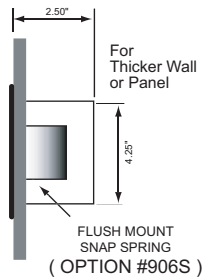
Option # 845NSFFL  
FLAT FLUSH  
INSTALLED  
SIDE VIEW  
WITH MOUNTING  
SCREWS



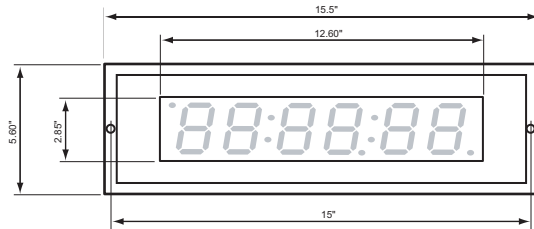
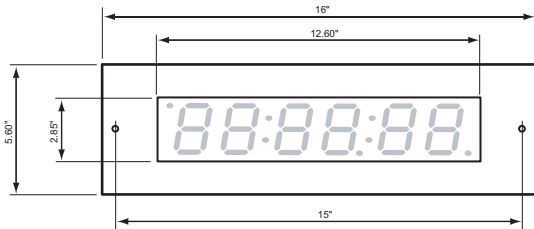
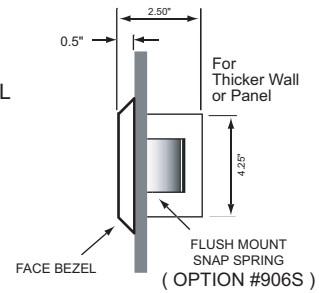
Option # 845NSFL  
FLUSH  
INSTALLED  
SIDE VIEW  
WITH MOUNTING  
SCREWS



Option # 845NFFL  
FLAT FLUSH  
INSTALLED  
SIDE VIEW

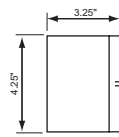


Option # 845NFL  
FLUSH  
INSTALLED  
SIDE VIEW



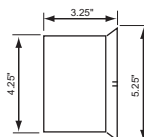
## OPTIONAL BACK PANEL TYPES

ENCLOSURE  
BACK PANEL  
series 732NR



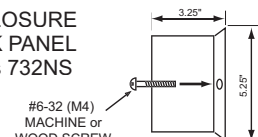
Straight 90 Deg. Back flange  
(also used for back-to-back mounting)

ENCLOSURE  
BACK PANEL  
series 732N  
( standard )



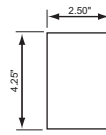
Angled Back flange

ENCLOSURE  
BACK PANEL  
series 732NS



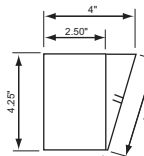
#6-32 (M4)  
MACHINE or  
WOOD SCREW  
Angled Back flange  
with holes for screw mount

ENCLOSURE  
BACK PANEL  
series 732NF



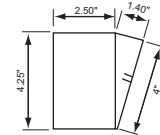
No Back flange

ENCLOSURE  
BACK PANEL  
series 733N  
( standard )



Slanted Back flange

ENCLOSURE  
BACK PANEL  
series 733NR



Slanted 90 Deg. Back flange  
(also used for back-to-back mounting)