

model series: HYMS-4-2.3

Super Bright LEDs: **RED, GREEN, YELLOW** or **BLUE** - **2.3 INCH** High, 4 Digits

Surface Mount, Metal,  
Straight or Slanted Enclosure

**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.



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)	10" x 4.25" x 2.5" (25.4cm 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 or RS232 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
- \* NTP Clock 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.

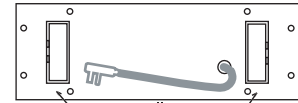
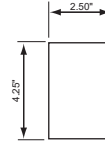
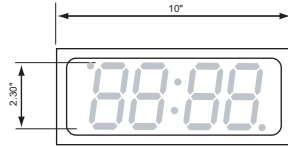


## Enclosure series # 732N and # 733N

### Straight model

standard colors: white, black and stainless steel

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



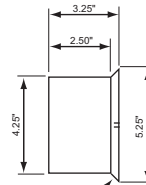
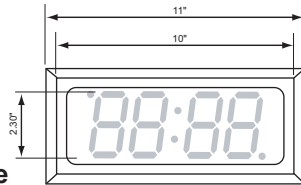
OPTIONAL SCREW TERMINALS

Short cord with flat plug shown

Optional:

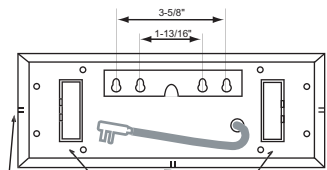
- 1) Long cord or Screw terminal for power connection
- 2) Wall plug-in transformer for power

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



Angled Back flange

Wall mounting keyholes



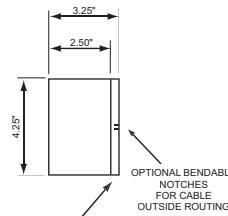
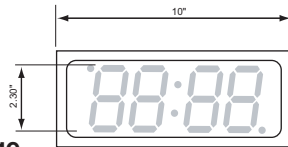
OPTIONAL BENDABLE NOTCHES FOR CABLE OUTSIDE ROUTING

Short cord with flat plug shown

Optional:

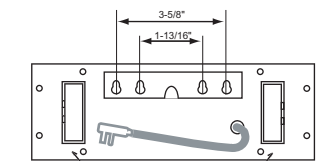
- 1) Long cord or Screw terminal for power connection
- 2) Wall plug-in transformer for power

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



Straight Back flange

Wall mounting keyholes



OPTIONAL SCREW TERMINALS

Short cord with flat plug shown

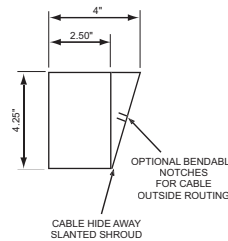
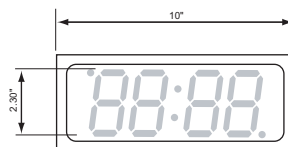
Optional:

- 1) Long cord or Screw terminal for power connection
- 2) Wall plug-in transformer for power

### Slanted model

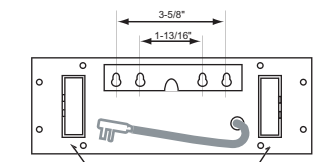
standard colors: white, black and stainless steel

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



CABLE HIDE-AWAY SLANTED SHROUD

Wall mounting keyholes



OPTIONAL SCREW TERMINALS

Short cord with flat plug shown

Optional:

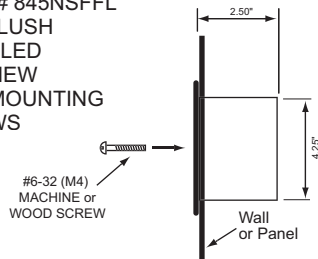
- 1) Long cord or Screw terminal for power connection
- 2) Wall plug-in transformer for power



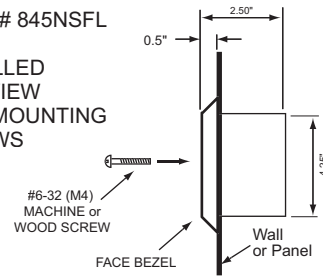
For enclosure series # 732N and # 733N

## OPTIONAL FLUSH MOUNT METHODS

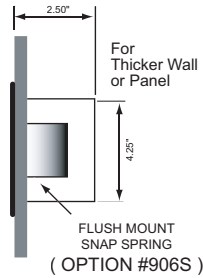
Option # 845NSFFL  
FLAT FLUSH  
INSTALLED  
SIDE VIEW  
WITH MOUNTING  
SCREWS



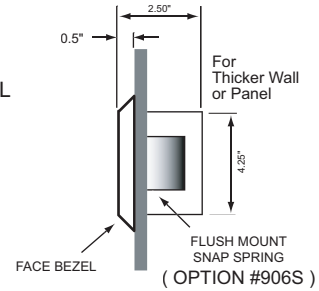
Option # 845NSFL  
FLUSH  
INSTALLED  
SIDE VIEW  
WITH MOUNTING  
SCREWS



Option # 845NFFL  
FLAT FLUSH  
INSTALLED  
SIDE VIEW

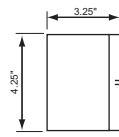


Option # 845NFL  
FLUSH  
INSTALLED  
SIDE VIEW



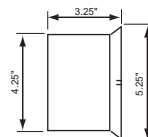
## OPTIONAL BACK PANEL TYPES

ENCLOSURE  
BACK PANEL  
series 732NR



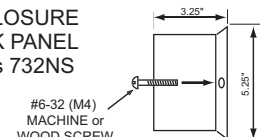
Straight 90 Deg. Back flange  
(also used for back-to-back mounting)

ENCLOSURE  
BACK PANEL  
series 732N  
(standard)



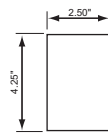
Angled Back flange

ENCLOSURE  
BACK PANEL  
series 732NS



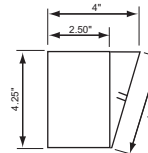
Angled Back flange  
with holes for screw mount

ENCLOSURE  
BACK PANEL  
series 732NF



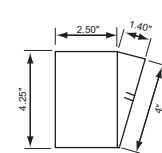
No Back flange

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)