## General Specifications

# 3 - ZONE, 4 Digit LED Clock with Date / Text
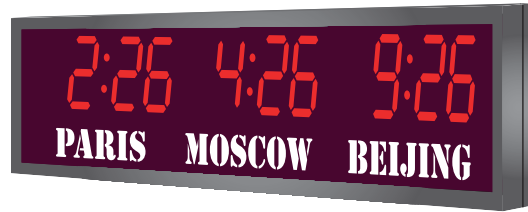
## model: HYTX-3Z-4-4 and HY-3Z-4-4

**SELENA**
LED Digital Clocks

ALL CLOCKS INCLUDE REMOTE CONTROL

FLUSH / SURFACE MOUNT
METAL ENCLOSURE

4" TIME, 1" DATE / TEXT
or VINYL ZONE / TEXT

RED, GREEN, YELLOW, BLUE



Multifunction Remote Control Included



TEXT and/or Digits can be set to alternate between ZONE, Date, Temperature, Julian etc...

## SPECIFICATIONS:

| | |
|---|---|
| Supply Voltage: | 115V or 208-240V, 50/60Hz<br>24 or 12V AC/DC |
| Power: | 45VA average |
| Oper. Temp.: | 0C to +50C (32F to 122F)<br>(military range optional) |
| Humidity: | 95% RH max. non cond. |
| Dimensions: | 35.25" x 10" x 3"<br>(89.5cm x 25.4cm x 7.6cm) |
| Visibility: | Easy up to 80 Ft. (25m) |

## FEATURES and OPTIONS:

* Infra Red hand held REMOTE CONTROL for all functions
* Direct Replacement for existing MASTER SYSTEM CLOCKS
    (replaces round, mechanical or electronic)
* 12 or 24 Hour and Military Display Format (user selectable)
* Multiple Master-Slave correction modes:
    Power Line Carrier sync (Simplex)
    2 Wire, RS485 Twisted Pair Sync/Communication
    BCD digital, ASCII Time Code
    RS232 ( PC port ) or RS485/USB
    2 and 3 Wire, 24V Minute Impulse Sync
* Multi-Zone synchronized system
* Temperature Monitoring and Control:
    Multi-Event Programmable Thermostat
    Heating - Cooling Auto Change-Over
    Inside and Outside Thermometer function
    Min/Max Temperature Memory
     Temperature Alarm and Relay outputs
* Stand - Alone or Master - Slave
* Backup:
    Selfrecharging backup - NO BATTERY NEEDED
    10 Year Lithium battery option

* Atomic Clock or GPS option
* PC Sync Master option
* Day/Date/Month/Year Alternating display selection
* Fully Adjustable Brightness
    Manual via remote control
    Auto-dimming option
* Julian Day option
* Auto Leap-Year correction
* Day Light Savings correction
* Timers:
    Multi-Event Programmable Timer
    Wake-Up Alarm Timer with soft beeper control
    Stop-Watch function up to 1/100 sec resolution
    External Start/Stop/Reset switch inputs
    Up/Down Presettable Timer and Counter with Alarm
    (up to 99hrs:59min:59sec or 999999 counts)
* On-Board Alarms:
    Alarm Buzzer, internal or external Horns
    Alarm Relays ( Form C, 10Amp/240V )
* NON-GLARE lens

### 4 DIGIT TIME DISPLAY modes:

MODE 1: •HH:MM ( 12 hour format with am/pm dot )
MODE 2: HH:MM ( 24 hour format)
MODE 3: HH:MM ( 24 hour Military format )
MODE 4: HH:MM ( UP/DOWN Timer modes with Hrs:Min )
MODE 5: MM:SS ( UP/DOWN Timer modes with Min:Sec )
MODE 6: d 267 ( JULIAN DAY )
MODE 7: 9999 ( UP/DOWN Counter modes )

### DATE/TEXT DISPLAY modes:

MODE 1: FRI-OCT-12
MODE 2: OCT-12-FRI
MODE 3: 12-OCT-FRI
MODE 4: FRI-12-OCT
MODE 5: 12-OCT-2007
MODE 6: OCT-12-2007
MODE 7: 2007-12-OCT

MODE 8: HH-MM-SS ( timer or counter )
MODE 9: TIMER MM-SS ( timer )
MODE 10: DDD-HH-MM.SS ( timer or counter )
MODE 11: IN 25.3 C (or: 77.5 F)
MODE 12: OUT 16.4 C (or: 61.5 F)
MODE 13: TEMP. 25.3 C (or: 77.5 F)
MODE 14: DAY 245 ( Julian day of the year )
MODE 15: HH-MM-SS AM/PM ( Real Time Clock )
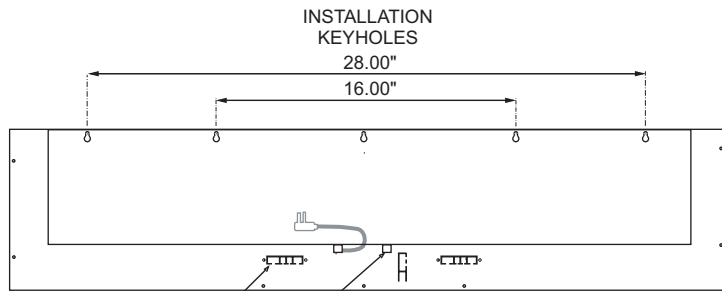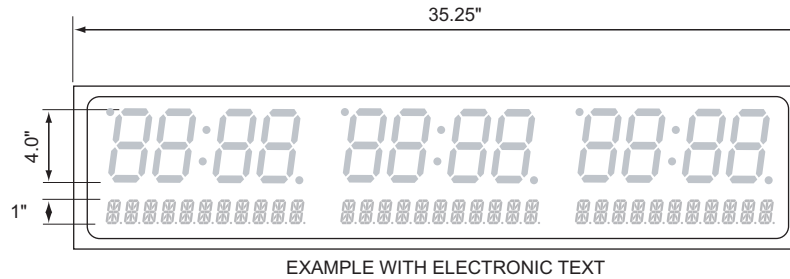MODE 16: TIME ZONE / TEXT DISPLAY

### OTHER OPTIONS:

1. INTERNAL POWER SUPPLY FOR 115V or 220V , 50/60Hz
2. 12V and 24V DC or AC SUPPLY OPTION
3. SYSTEM MASTER SYNC WITH RS-232/485/USB COMPUTER INTERFACE / TWISTER PAIR
4. SYSTEM MASTER SYNC WITH SERIAL COMMUNICATION OVER POWER LINE
5. SYSTEM MASTER SYNC OVER POWER LINE CARRIER (HIGH AND LOW VOLTAGE)
6. SYSTEM MASTER SYNC 2 AND 3 WIRE, 24 VOLT MINUTE IMPULSE
7. SYSTEM MASTER SYNC ASCII TIME CODE FORMAT 0, 1, 2, 3, 4 ON RS-232/485

**KERA TECHNOLOGIES INC.**

**Mechanical Specifications**

# 3 Zones x 4 Digits, 4" with Text
## Metal Enclosure

**SELENA**
**LED Digital Clocks**
ALL CLOCKS INCLUDE REMOTE CONTROL

standard colors: white, black and stainless steel

35.25"

4.0"

1"

EXAMPLE WITH ELECTRONIC TEXT

4.0"

1.8"

ABCDEFGHIJK    ABCDEFGHIJK    ABCDEFGHIJK

EXAMPLE WITH VINYL STICK-ON TEXT

INSTALLATION KEYHOLES

28.00"

16.00"

FUSE

OPTIONAL SCREW TERMINALS

Short cord with flat plug shown
Optional:
Long cord or Screw terminal
for power connection

BACK PANEL VIEW

3.0"

SIDE VIEW

10.0"

7.0"

ADDITIONAL SIDE
MOUNTING HOLES
FOR #6 SCREWS

CABLE HIDE AWAY
SHROUD

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