**SPECIFICATIONS**

**TYPE:** DIGITAL and 15 CHARACTER ALPHANUMERIC IN (Red, Green, Yellow or Blue)

**DISPLAY:** 4-DIGIT, 7 seg. LED TIME in (Red, Green or Blue) 5 by 7 DOT-MATRIX ALPHA.

**CHARACTER HEIGHT:** 2.5" (63.5mm) HR / MIN 1.2" (30.48mm)

**VISIBILITY:** 85 Ft. (25.90 METERS)

**POWER REQUIREMENTS:** 100-240V 47~63 Hz (12vdc SWITCHING POWER SUPPLY).

**FRAME:** ALUMINUM (BLACK ANODIZED FINISH OR SILVER)

**DIMENSIONS:** 8.25" x 80.25" x 1.38"

**WEIGHT:** 13.5 lbs.

**OPERATING TEMP.:** -17° TO 190° F

**HUMIDITY:** 0% TO 95% NON-CONDENSING

**OPERATING MODE:** 12 or 24 HR SELECTABLE and AUTOMATIC DAY LIGHTS.

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**BTZ-42425-5ERR**

- **NUMBER OF ZONES**
- **ELECTRONIC LETTERING**
- **TIME COLOR**
- **LOCATION COLOR**

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**CLOCK BACK**

- **DIGITAL DISPLAY SYSTEMS**
  - Running DDS TimeNet
  - GROUP (A-Z)
  - CLOCK NUMBERS (0-127)
  - RS-232 SERIAL PORT
  - DB9 CONNECTOR SUPPLIED

**MOUNTING**

- **Wall Mount**
- **Ceiling Mount**

**AVIATION WIRE**

**SIGNAL CABLE**

- Category 2 UPT-type
- #24awg or larger twisted pair

**THE PC IS USED TO SET THE LOCATION DISPLAY AND TIME. THE CLOCK CAN RUN ON ITS OWN WITHOUT THE PC.**

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**ALL CLOCKS USE THE DALLAS DS32 SERIES RTC PARTS, AND OUR FIRMWARE CONTROL, TO GET THE ONE SEC A YEAR ACCURACY.**

**1 SEC A YEAR ACCURATE (TCXO)**
WHEN ON THE PC THE PC TIME IS UP
DATING THE TIME ON THE TIME ZONE CLOCKS. WHEN THE PC IS OFF THE (0) ZONE IS UPDATING THE TIME AND THE COLON IS FLASHING ON ZONE (0).

DIGITAL DISPLAY SYSTEMS

Running DDS TimeNet

GROUP (A-Z)
CLOCK NUMBERS (0-127)

RS-232 SERIAL PORT
DB9 CONNECTOR SUPPLIED

ALL CLOCKS USE THE DALLAS DS32 SERIES RTC PARTS, AND OUR Firmware CONTROL, TO GET THE ONE SEC A YEAR ACCURACY.

1 SEC A YEAR ACCURATE (TCXO)

GROUP LETTERS & CLOCK NUMBERS

A 0
B 1
C 2
D 3
D 4

16:47
18:47
19:47
01:47
11:47

SAN FRANCISCO
HOUSTON
NEW YORK
GERMANY
AUSTRALIA

RS-232 NOT OVER 100ft

(-) SIDE
WHITE/BLUE
WHITE/ORANGE

(+ ) SIDE
BLUE/WHITE
ORANGE/WHITE

NOT OVER
100ft

World's Most Accurate RTC

RS-232 SERIAL PORT
DB9 CONNECTOR SUPPLIED

16:47
18:47
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SAN FRANCISCO
HOUSTON
NEW YORK
GERMANY
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CLOCK NUMBERS (0-127)

RS-232 SERIAL PORT
DB9 CONNECTOR SUPPLIED

(-) SIDE
WHITE/BLUE
WHITE/ORANGE

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DIGITAL DISPLAY SYSTEMS

Running DDS TimeNet

GROUP (A-Z)
CLOCK NUMBERS (0-127)

RS-232 SERIAL PORT
DB9 CONNECTOR SUPPLIED

(-) SIDE
WHITE/BLUE
WHITE/ORANGE

(+ ) SIDE
BLUE/WHITE
ORANGE/WHITE

All clocks use the Dallas DS32 series RTC parts, and our firmware control, to get the one sec a year accuracy.

1 SEC A YEAR ACCURATE (TCXO)

When on the PC the PC time is up dating the time on the time zone clocks. When the PC is off the (0) zone is updating the time and the colon is flashing on zone (0).