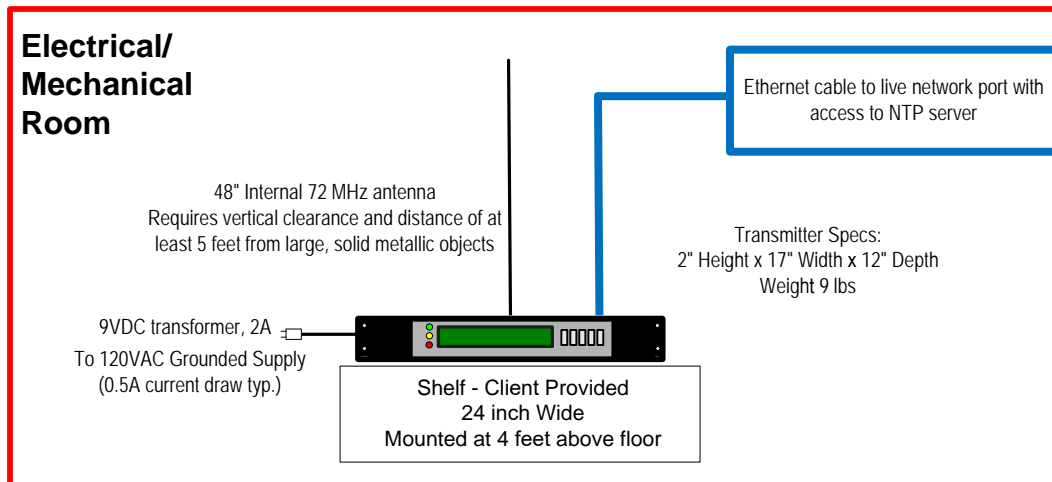


Typical System Setup

Primex XR01IM 1 Watt Transmitter with Internal Antenna

NTP Time Source



Typical System Setup – not to scale

Summary of Operation

1. Transmitter connects to LAN
2. Transmitter connects to NTP server and downloads time
3. Transmitter Time is set
4. Transmitter broadcasts out 72MHz signal to set clocks
5. When batteries are put in a clock (or AC powered clocks are plugged in), clocks search for the 72MHz signal
6. Clocks set when 72MHz signal is decoded.

Notes

- LAN port 123 needs to be open for NTP server access
- Client to supply the following items
 - Ethernet cable and network drop
 - Transmitter shelf
 - One available 120VAC Outlet
 - Building Ground near transmitter
- DO NOT HANG OR SET CLOCKS UNTIL TRANSMITTER IS IN PLACE AND POWERED