CS2000 Technical Specification

CS2000 Installation Instructions For New Construction

UNPACKING

Each CS2000 unit is individually wrapped in a box. Using a knife, carefully slit the box open, making sure that the blade of the knife extends no further than is necessary. Inside the box is the CS2000 unit wrapped in bubble-pack. Remove the bubble-pack.

IDENTIFYING EACH UNIT

Each CS2000 unit is factory set for specific room. Each unit has a dot over the row corresponding to to the room number. The master, unit, which is always placed in Room #1 and is marked #1, is the unit from which all programming functions are accomplished.

REQUIREMENTS

A single dedicated common line receptacle is used for new construction installations. All the units are plugged into the same line. There is no limit on the amount of units that can plug into this line. A filter box is provided that is connected in series with the common dedicated line to the circuit breaker box. It is important to understand that both the **HOT** (black) and **NEUTRAL** (white) be connected in series with the line. **Do not** common the whites.

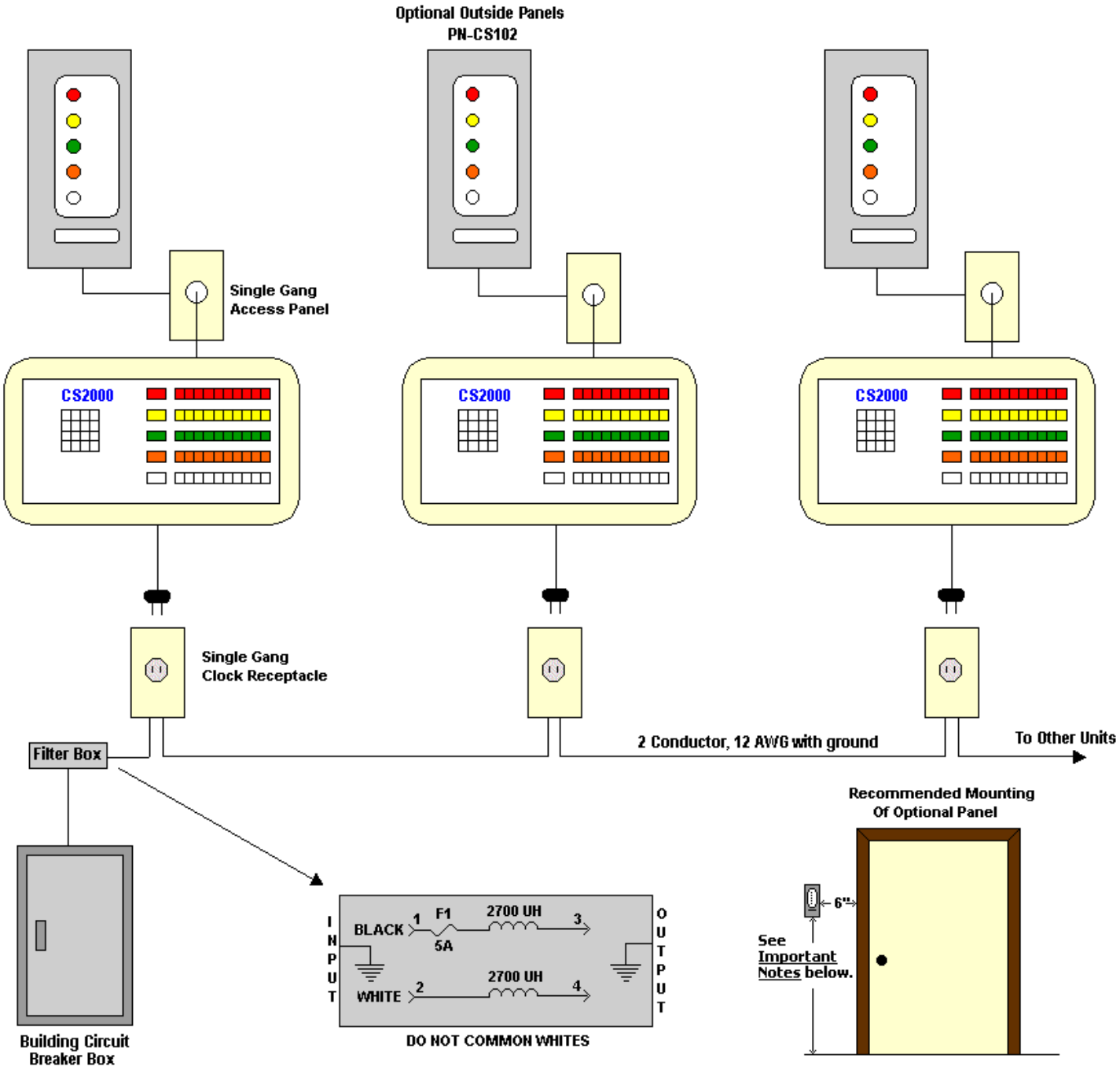
OPTIONAL MONITOR OR SWITCH PANELS

If optional outside monitor or SWITCH panels are used, please see separate technical specification, CS2000 Installation Of Optional Outside Panel Or Switch Panel.

BACK BOX NOTES

Back boxes and cables for optional panels are provided by Varitronics. See diagram below for recommended mounting distances. Single gang back boxes are provided by others. These boxes are usually placed behind the CS2000 unit. For exact placement of single gang boxes please contact the architect or administrator.

Dedicated Common Line Receptacle For New Construction



Important Notes:

1. Connect filter box in series with 115V line.
2. Mount filter near circuit breaker box.
3. Mount filter in an easily accessible location, but do not mount in ceiling.
4. Filter provided by Varitronics.
5. Current draw per unit: 20 mA for 10 station units, 40 mA for 20 station units.
6. Back boxes and cable for optional panels are provided by Varitronics Inc.
7. For ergonomic height, we recommend mounting the outside room back box 58 inches from the bottom of the floor. However, this does not meet ADA regulations. See **Cautions**.
8. Use clock receptacles.
9. If you have any question, call technical support at 610-356-3995.

Cautions:

1. Do not common whites (Neutral).
2. Be sure that all receptacles are grounded.
3. Please refer to local ADA regulations for proper back box mounting height of all room panels