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## PARTS LIST

- 1 - Installation Sheet
- 1 - Mounting Plate
- 1 - Potted Reader Assembly
- 1 - Cover
- 2 - Mounting Screws
- 1 - Assembly Screw

## Removal

Remove unit from box.

## Mounting the Reader

1. Determine an appropriate mounting position on the door frame or wall, be sure to account for any applicable ADA height requirements.
2. Drill a minimum of two mounting holes a minimum of 1.35" apart on the mounting surface of the door frame or wall. Drill one 3/4" diameter cable hole for the pigtail wire connection.
3. Connect the mounting plate to the wall using the screws provided.
4. Wire the unit according to the color code chart below ensuring that all connections are made through the center hole in the mounting plate.
5. Hook the top of the potted case assembly to the top of the mounting plate.
6. Swivel the unit down into place and install the screw from the bottom to connect the potted case to the mounting plate.
7. Snap the cover over the case/mounting plate assembly.

## Cable Connections

1. XF1050/XF1060 readers are supplied with a 8 conductor cable pigtail. Connect this pigtail with the host/panel being careful to match the color of each wire with the chart shown below.

Blue	Beeper
Green	Data 0
White	Data 1
Orange	Green LED
Brown	Red LED
Red	Power + DC (5-16 VDC)
Black	Ground
Drain	Shield Ground

Note: If Hold function is desired, it can be assigned to any of the Brown, Orange or Blue wires in lieu of the function above.

2. Use a DC power source between 5 volts and 16 volts.
3. Be sure the reader is properly grounded by attaching the ground wire to an earth ground connection at the power supply or panel end of the cable.

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## XF1050 & XF1060 Installation Guide

### Testing the Reader

1. Power up the reader. The LED will light followed by a beeper tone. This indicates that the reader is ready.
2. Present a proper card or token programmed to operate the reader and a green LED flash will indicate successful operation. Note that a red flash could simply indicate an incorrect match or mis-programmed card/token rather than a faulty reader installation.

### Additional Notes

- The voltage specification for these products is 5 volts to 16 volts.
- Typical cable gauge ranges from 18 to 22 gauge. Check with your cable supplier to determine the best choice for your application and installation distance.

### Specifications

- Power Supply: DC
- Voltage Range: 5 – 16VDC
- XF1050 Current Range: 50mA Peak (34mA average)
- XF1060 Current Range: 50mA Peak (34mA average)
- Temperature Range: -25F to 125F
- Card Read Distance: Up to 3.0" – Distance can vary widely depending on installation conditions and credential type.
- Cable Distance to Panel in Wiegand mode:
  - 500 ft. maximum @ 22 awg and 12V
  - 200 ft maximum @ 22 awg and 5V
- Information Output: Wiegand = up to 64 bits
- Regulatory Approvals and Standards: UL, CE Listed (EU).

### Federal Communications Statement

The FCC requires the following statements for your information: This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation. This reader utilizes radio frequency energy and has been tested and complies with the limits of FCC testing. Changes, modifications or disregard of proper installation instructions not expressly approved by XceedID Corporation is strictly prohibited by the FCC and could void the user's authority to operate the equipment.

For Canadian Users, this unit has been tested and meets all applicable Industry of Canada technical specifications.

- This device may not cause radio frequency interference.
  - This device must accept radio frequency interference.
- In the unlikely event interference occurs, please contact the manufacturer.

