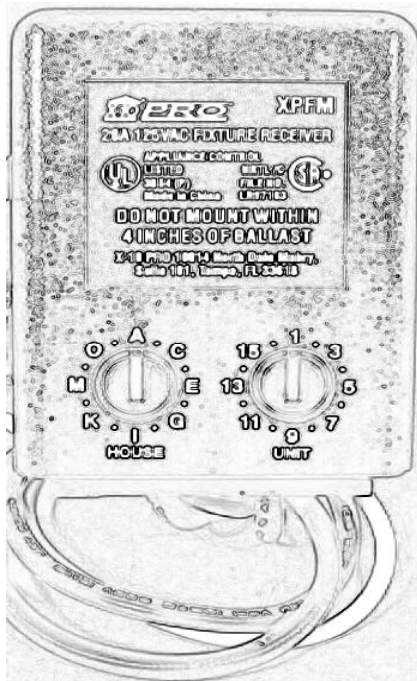


APPLICATIONS

FIXTURE MODULES IN CEILING FANS

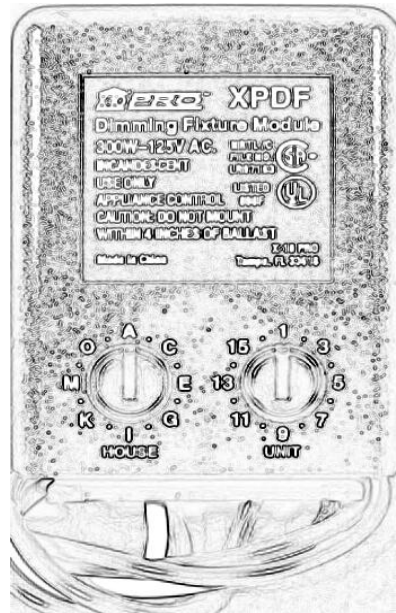
To split the load of a ceiling fan from its light fixture is usually quite simple. Today's fans typically have both load wires running up the down-rod of the fan in anticipation of connection to two separate switches.

If possible, above the ceiling fan in a suitable work box, install an XPFM Fixture module capable of switching Inductive loads up to 15A. The XPFM connects to Hot, Neutral and gives a Switched output to the load (the fan motor) for X10 ON/OFF control only. As an example lets set the XPFM to M1.



With an XPDF Dimmer Fixture Module you can control up to 300W of Inductive lighting (X10 ON/OFF, BRIGHTEN/DIM and ALL LIGHTS ON/ALL UNITS OFF).

Like the XPFM, the XPDF connects to Hot, Neutral and has a Switched output to the load (lights). For our example lets set the XPDF to M2.



If the XPDF and XPFM cannot be mounted in the ceiling under the fan mount, than it may be possible to place them inside the fan housings and trim covers.

Wall Connections:

Using the old single wall switch box, connect an XPT Wall Transmitter to Hot and Neutral. Next, set the House and Unit Code to match the first of the 2 sequential Unit Code addresses you have selected on the XPFM and the XPDF. For our example, set the XPT to M1.

Place an XP4D Keypad on the XPT. This gives you control of three consecutive X10 Unit Codes, plus dimming of the last Unit code button pressed.

Now you have separate control of ON/OFF of the fan motor connected to the XPFM; and ON/OFF, Brighten/Dim control of the light fixture attached to the XPDF. Plus a third X10 device can be controlled from the unused third button the XPT Keypad. For our example, this XPT with the XP4D Cover will control M1, M2, M3 plus BRIGHTEN/DIM.

APPLICATIONS

Note: when connecting the XPT to the Hot and Neutral, make sure that you are jumpering the Hot wire to the old switch leg running up to the fan. This will allow you have continuous power to the XPFM/XPDF. All switching will now take place in the XPFM and XPDF.

When you press the first ON from the Keypad affixed to the XPT, the XPFM responds ON. Press the second ON and the XPFM responds with lights ON. Press and hold the DIM

button at the bottom of the keypad and the XPDF dims the lights until you release the button.

OFF is commanded for both devices individually from the OFF side of the buttons 1 and 2.

