



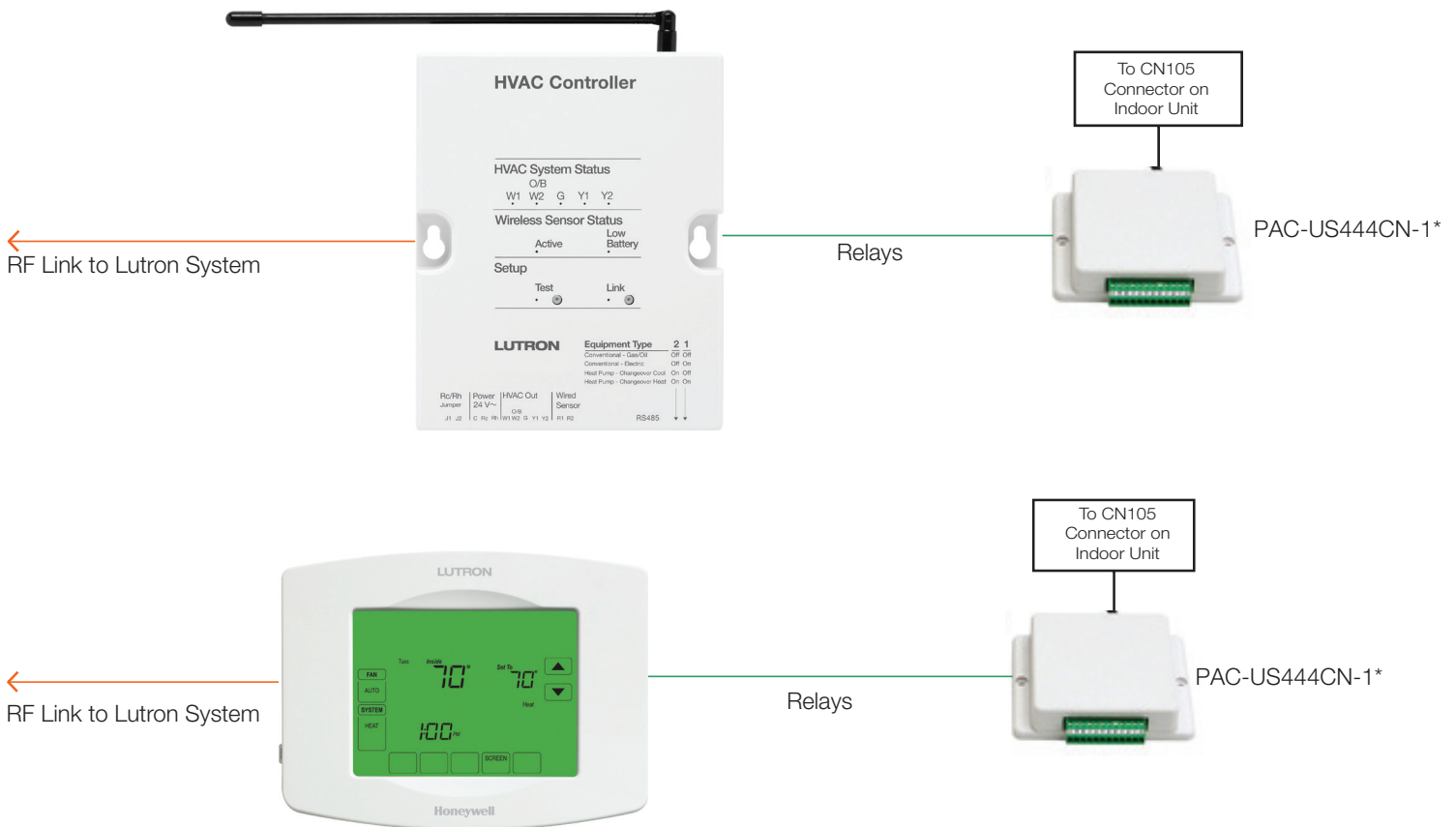
COOLING & HEATING

Overview

RadioRA 2 and HomeWorks QS Clear Connect Wireless thermostats are capable of controlling Mitsubishi Electric systems.

This integration is achieved by using a Mitsubishi Electric thermostat interface (PAC-US444CN-1) and either a Single Zone HVAC Controller (LR-HVAC-1) or a TouchPRO thermostat (LR-HWLHV-HVAC). This integration is available for Lutron projects in the United States only.

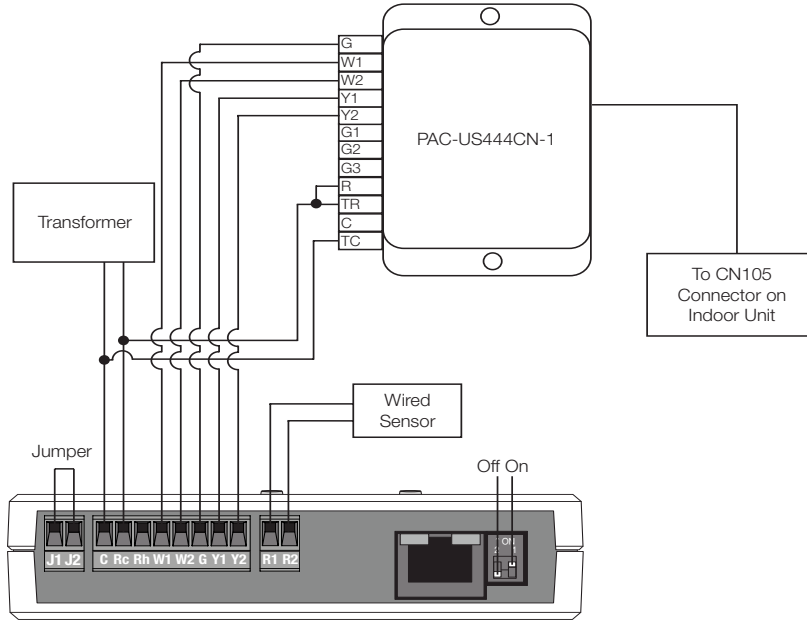
System Topology



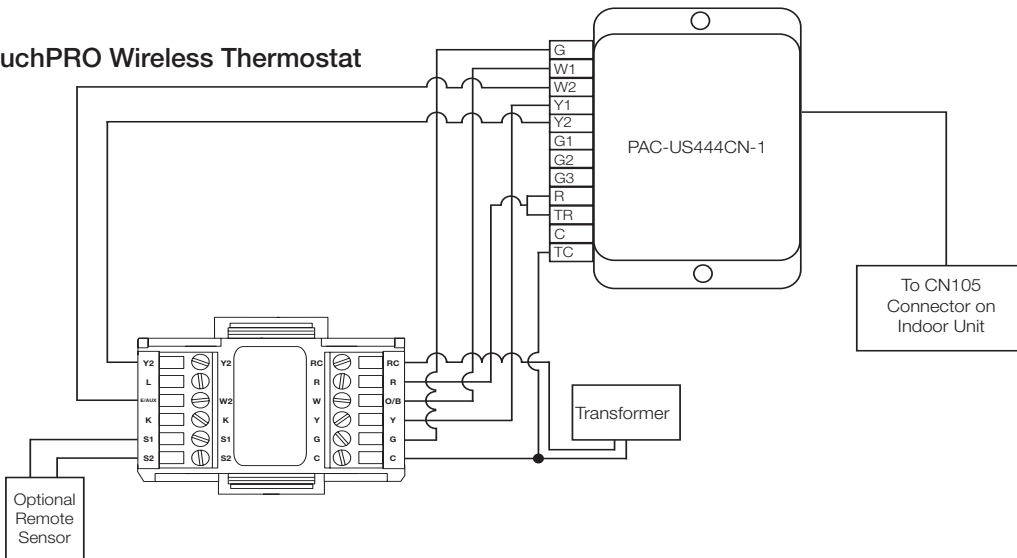
* The PAC interface is not sold by Lutron Electronics Co., Inc.

Wiring Diagrams

HVAC Controller



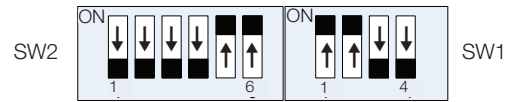
TouchPRO Wireless Thermostat



- The PAC-US444CN-1 interface should be supplied by a local Mitsubishi distributor.
- Use one PAC-US444CN-1 interface per indoor unit controlled by the Lutron thermostat.
- 24 V_{AC} power supply is required and field supplied by others.
- Use 18 AWG (1.0 mm²) wire between PAC-US444CN-1 and Lutron thermostat.
- The Lutron system and Lutron thermostat must be programmed by a qualified Lutron programmer.

DIP Switch Configuration for PAC-US444CN-1

SW2-1 OFF
SW2-2 OFF
SW2-3 OFF
SW2-4 OFF
SW2-5 ON
SW2-6 ON
SW1-1 ON
SW1-2 ON
SW1-3 OFF
SW1-4 OFF



Note: A Mitsubishi Electric trained HVAC professional may change the DIP switch configurations based on user preference.

Lutron, HomeWorks, RadioRA, TouchPRO Wireless, and Clear Connect are trademarks of Lutron Electronics Co., Inc., registered in the U.S. and other countries.

RadioRA 2 is a trademark of Lutron Electronics Co., Inc.

Mitsubishi Electric is a registered trademark of Mitsubishi Electric Corporation. The three-diamond logo is a registered logo of Mitsubishi Electric Corporation.

Lutron Contact Numbers

WORLD HEADQUARTERS USA

Lutron Electronics Co., Inc.
7200 Suter Road
Coopersburg, PA 18036-1299
TEL: +1.610.282.3800
FAX: +1.610.282.1243
support@lutron.com

EUROPEAN HEADQUARTERS United Kingdom

Lutron EA Ltd.
6 Sovereign Close
London, E1W 3JF United Kingdom
TEL: +44.(0)20.7702.0657
FAX: +44.(0)20.7480.6899
FREEPHONE (UK): 0800.282.107
Technical Support: +44.(0)20.7680.4481
lutronlondon@lutron.com

ASIAN HEADQUARTERS Singapore

Lutron GL Ltd.
15 Hoe Chiang Road
#07-03, Tower 15
Singapore 089316
TEL: +65.6220.4666
FAX: +65.6220.4333
Technical Support: 800.120.4491
lutronsea@lutron.com

North & South America Customer Assistance

USA, Canada, Caribbean:
1.844.LUTRON1 (1.844.588.7661)
Mexico:
+1.888.235.2910
Central/South America:
+1.610.282.6701

Asia Technical Hotlines

Northern China: 10.800.712.1536
Southern China: 10.800.120.1536
Hong Kong: 800.901.849
Indonesia: 001.803.011.3994
Japan: +81.3.5575.8411
Macau: 0800.401
Taiwan: 00.801.137.737
Thailand: 001.800.120.665853
Other Countries: +65.6220.4666