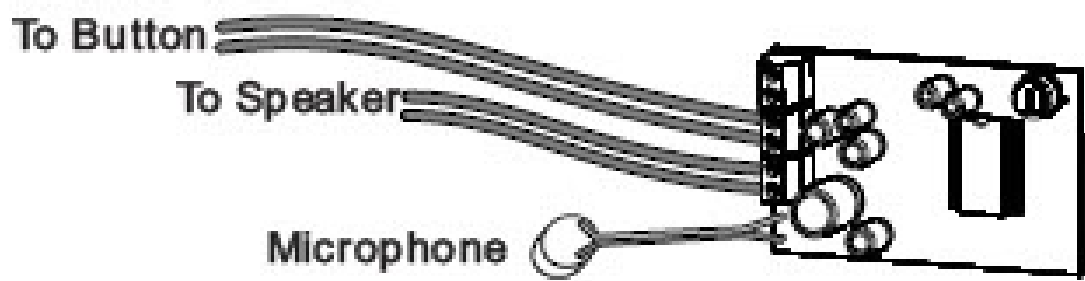
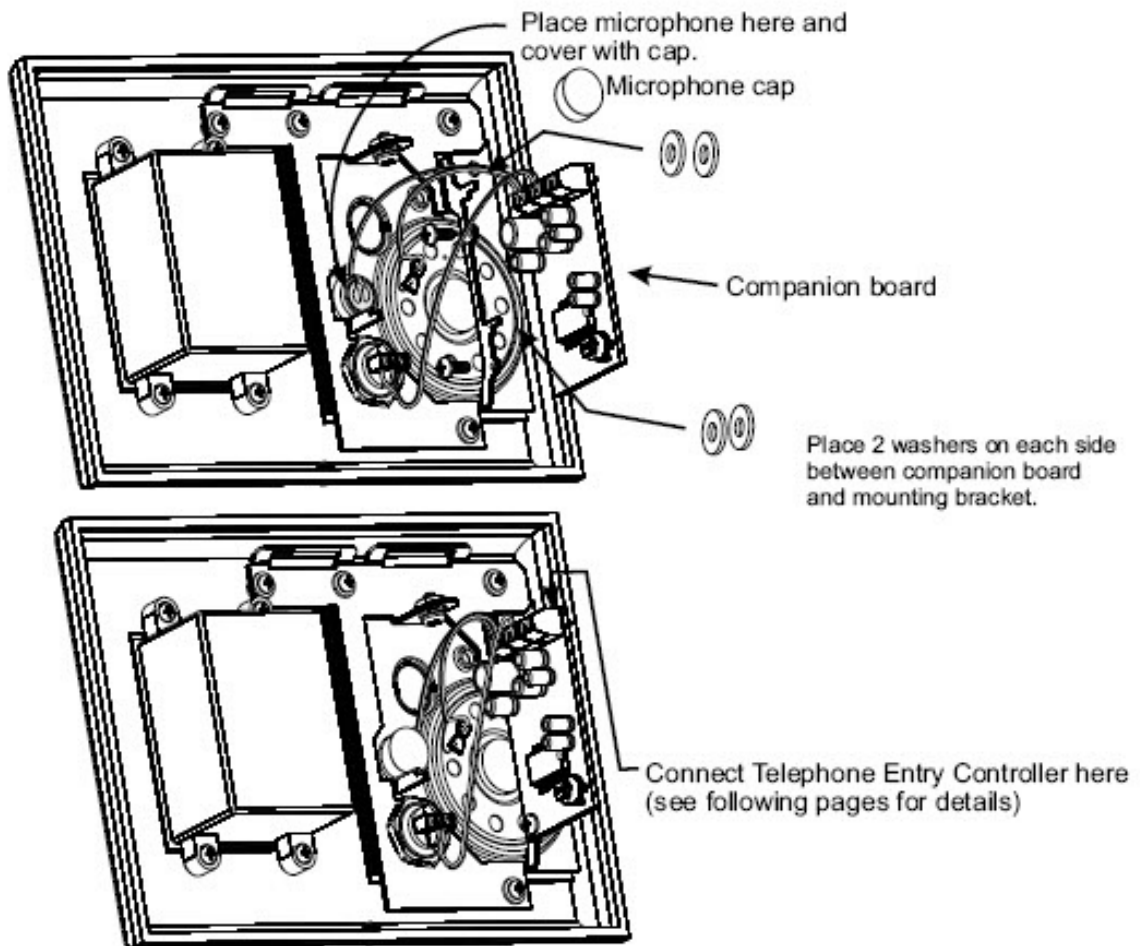


# Companion Board Connection Details

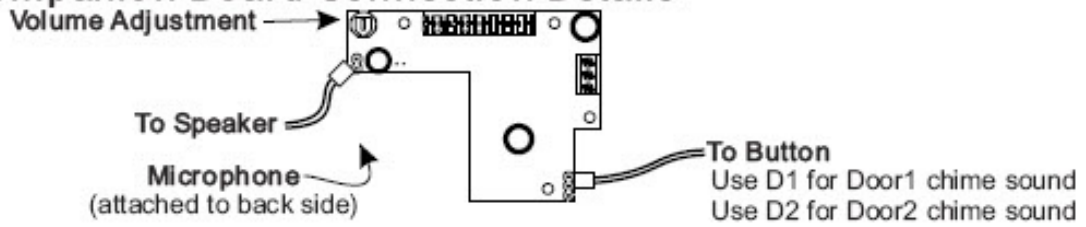




DS3Series2.png

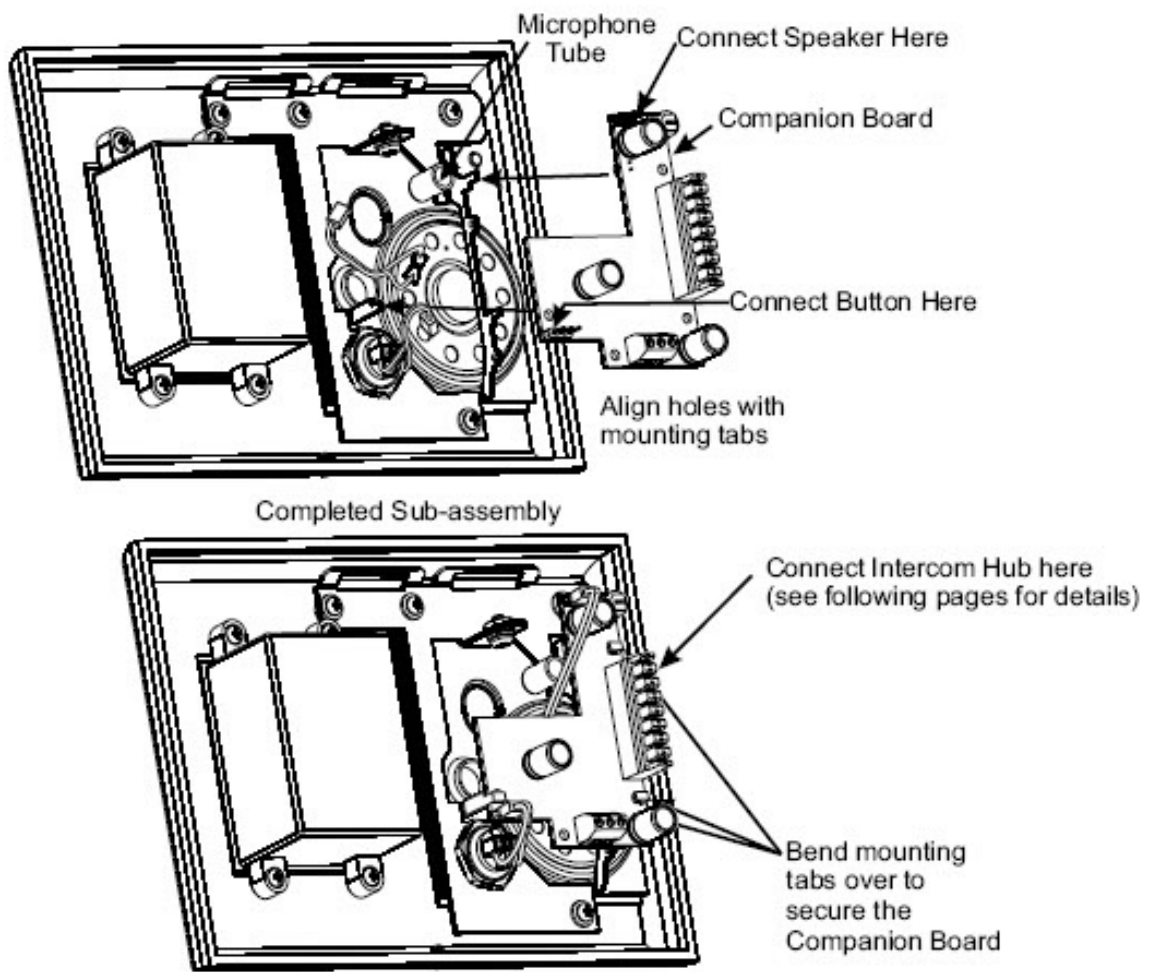
DS3 Series

## Companion Board Connection Details



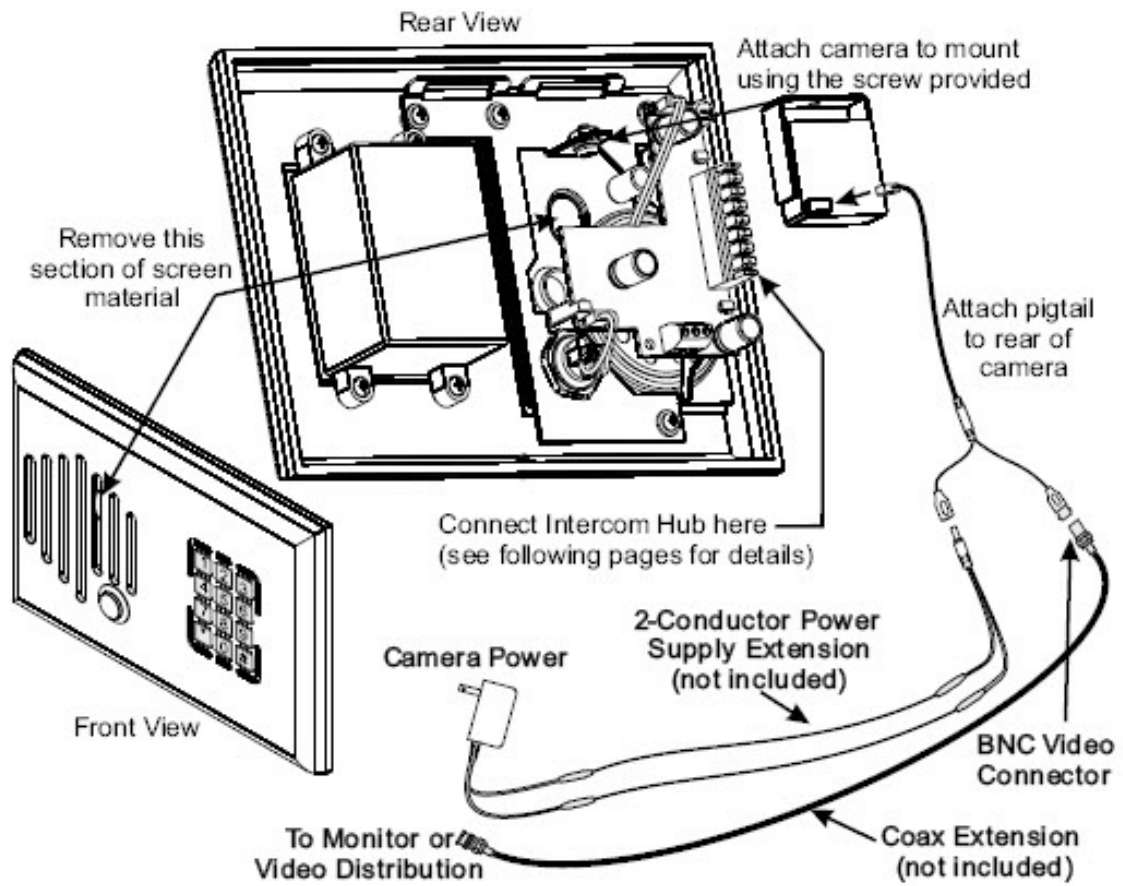
DS3Series3.png

DS3 Series

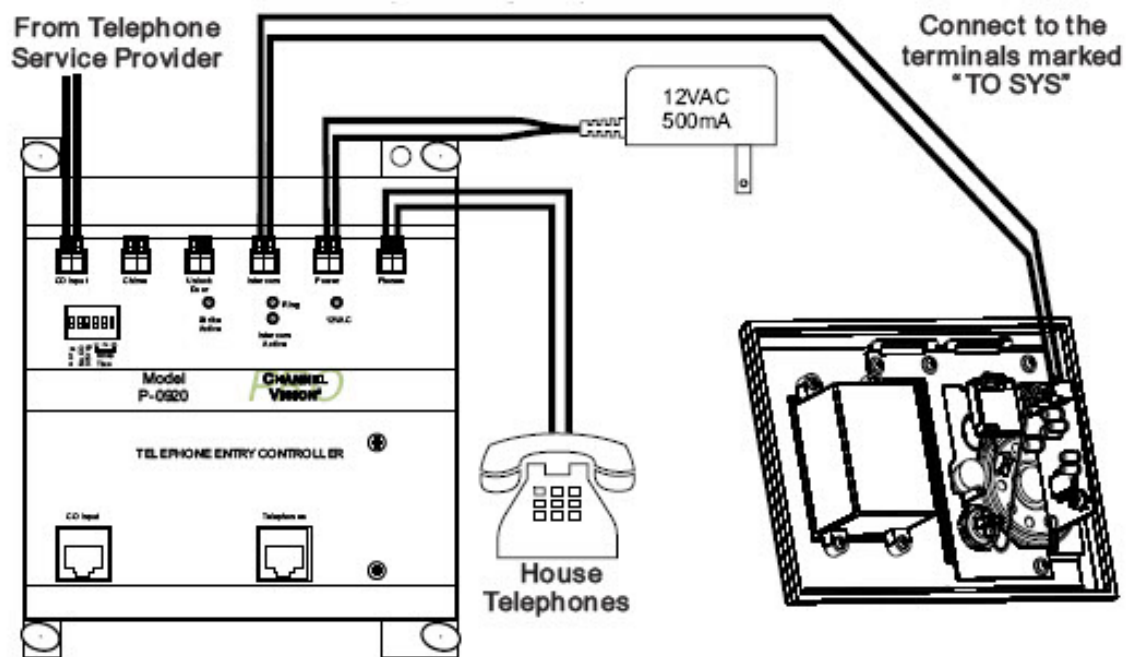


DS3Series4.png

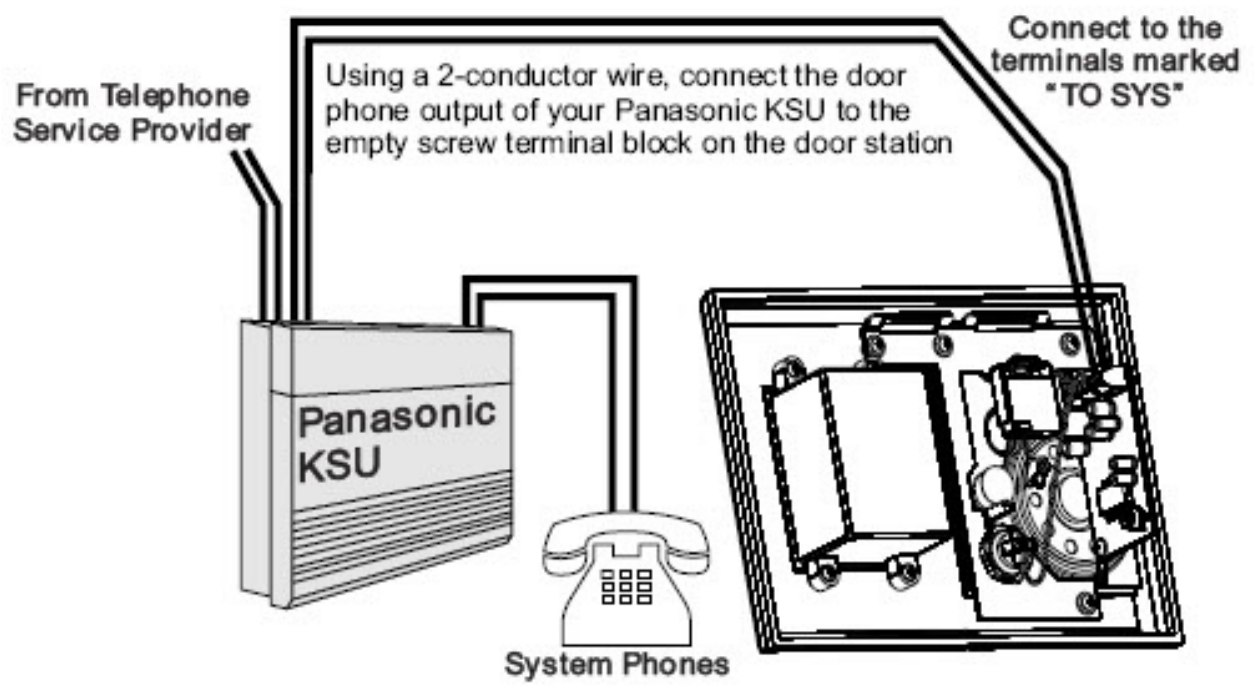
DS3 Series



DS3Series5.png

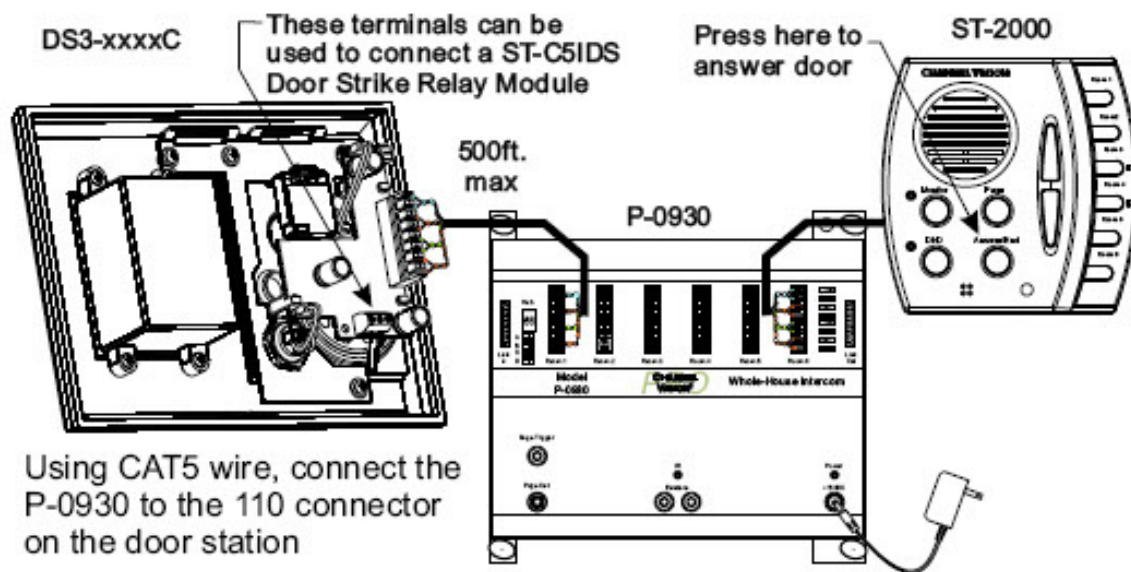


DS3Series6.png



DS3Series7.png

DS3 Series

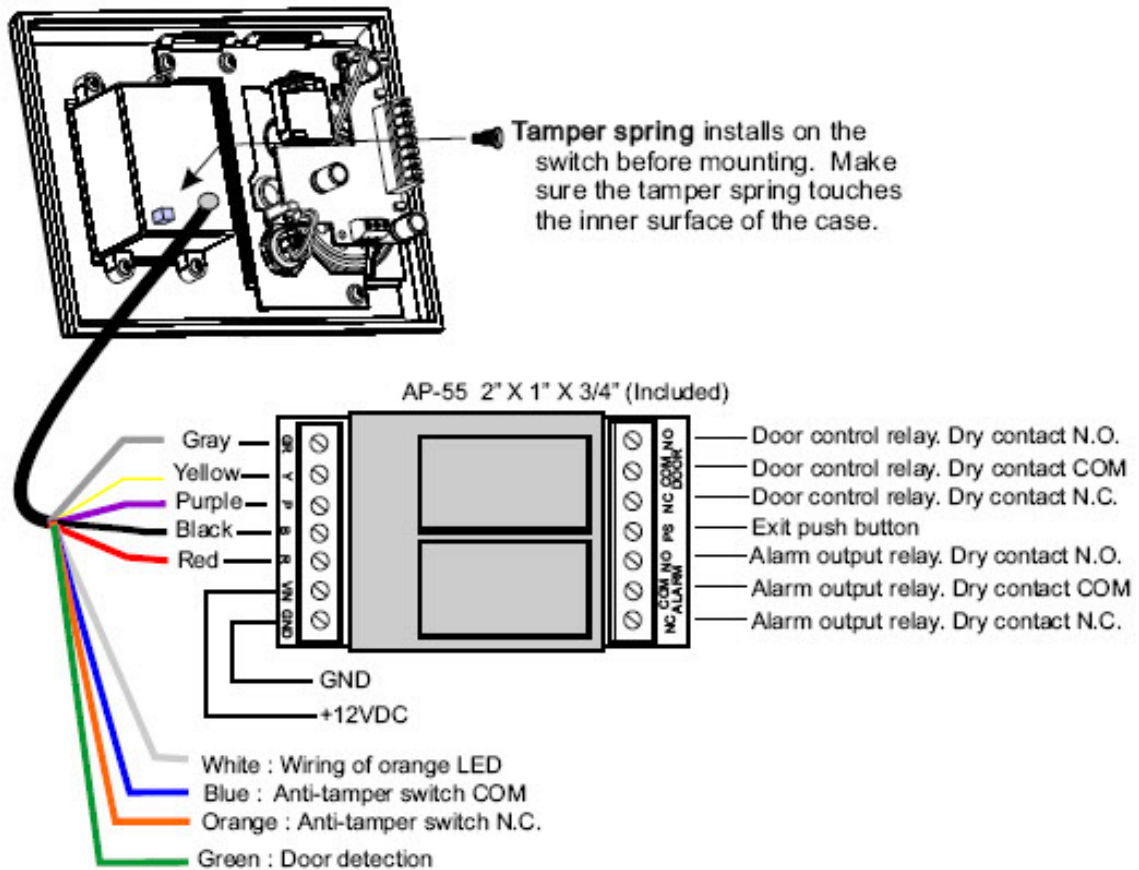


DS3Series8.png

DS3 Series



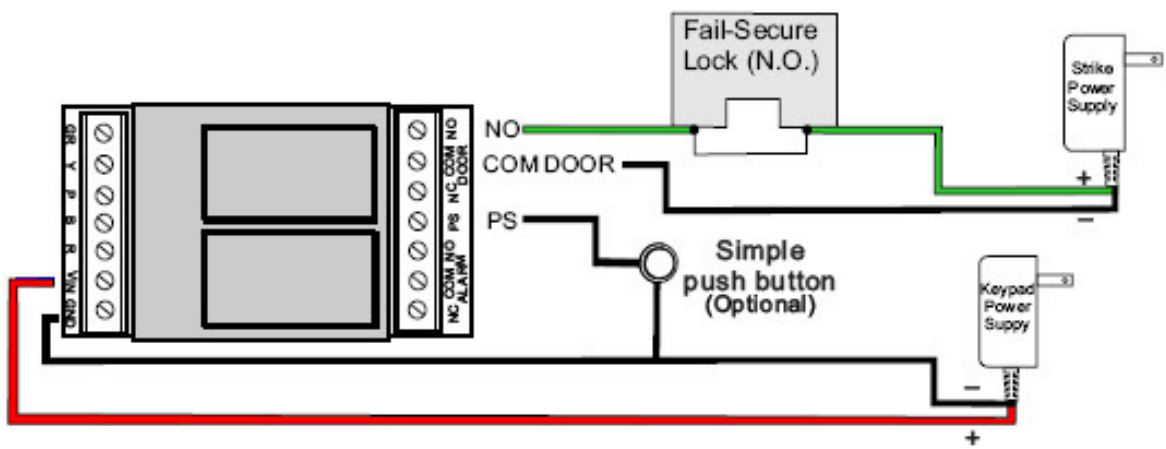
# Keypad connections



DS3Series9.png

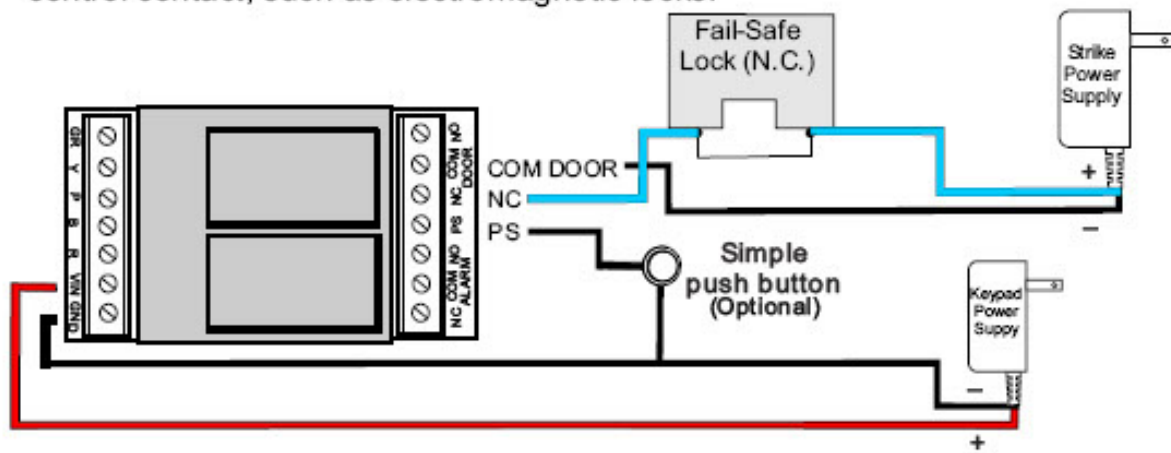
DS3 Series

**Fail-Secure:** Use this diagram for any lock that requires a Normally Open control contact.



DS3Series10.png

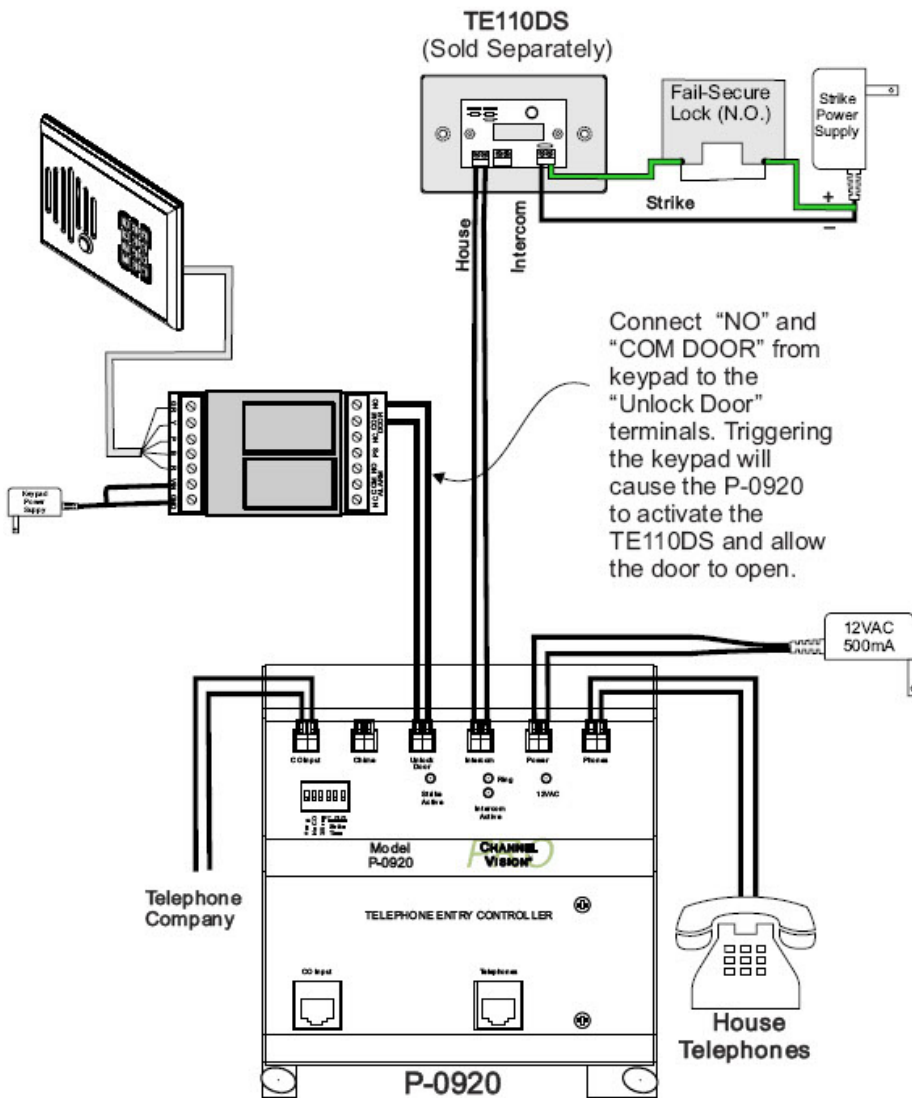
**Fail-Safe:** Use this diagram for any lock that requires a Normally Closed control contact, such as electromagnetic locks.



DS3Series11.png

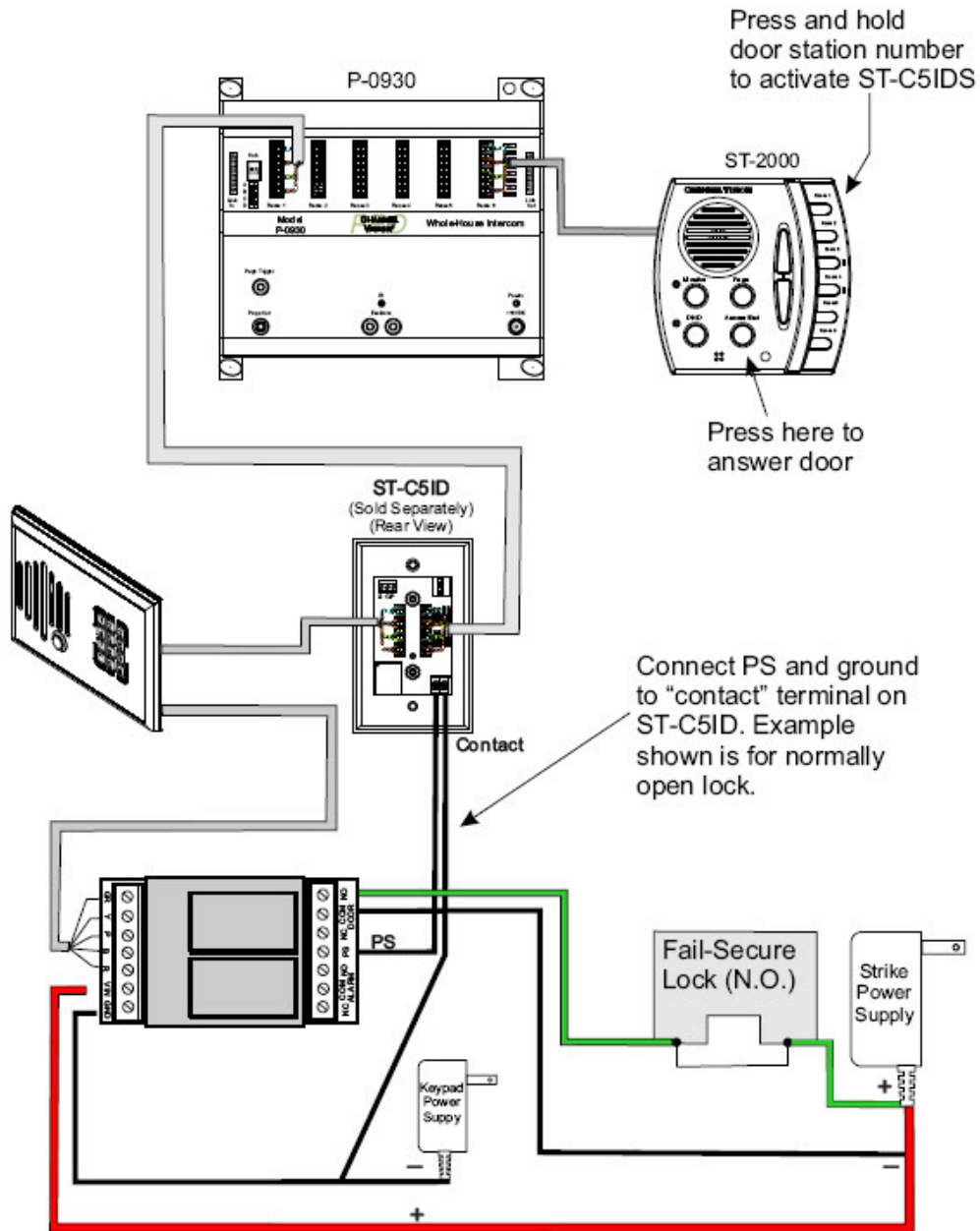
# Integrating the TE110DS

Example using a P-0920 and normally open lock type.



DS3Series12.png

# Integrating the ST-C5IDS



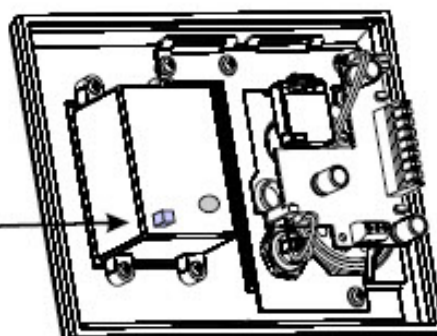
DS3Series13.png

**Anti-tamper switch:**

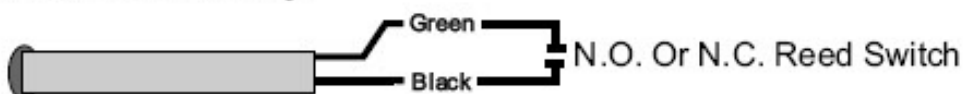


Contact between orange and blue is normally closed. Close when tamper switch pressed (installed) and opens when switch is released.

Tamper switch - If using the tamper switch feature, this must remain pressed when the keypad is installed. Use included tamper spring make sure it contacts back of case.

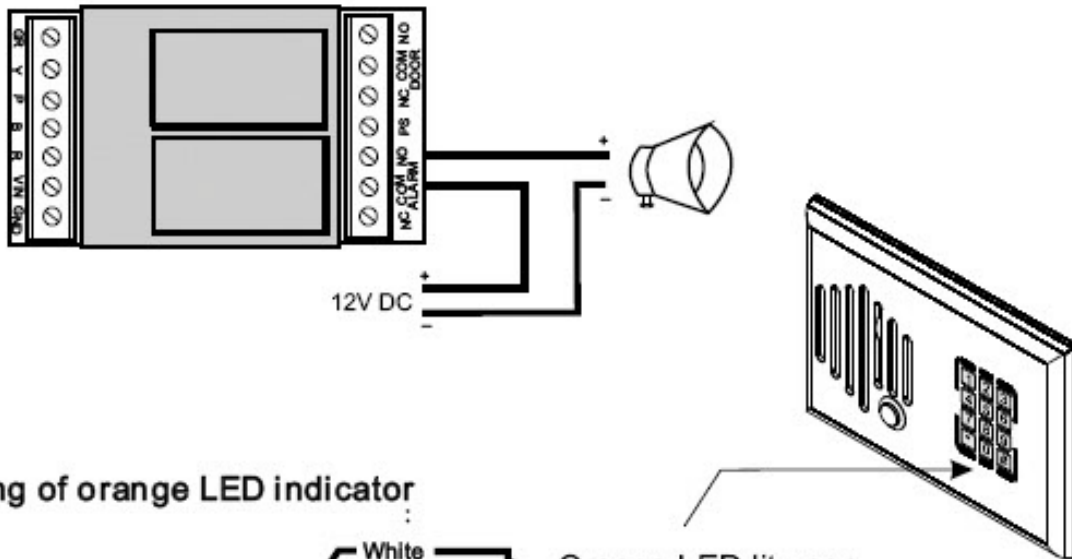


**Door detection wiring:**



Alarm relay is activated upon Green - Black (ground) contact.

**Example alarm wiring with normally open circuit:**



**Wiring of orange LED indicator**

