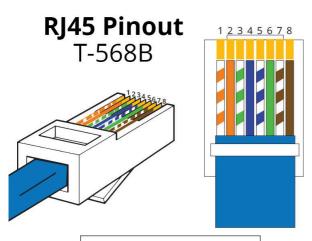
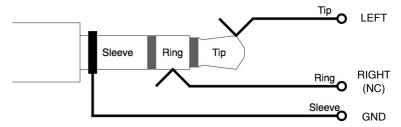
### REFERENCES



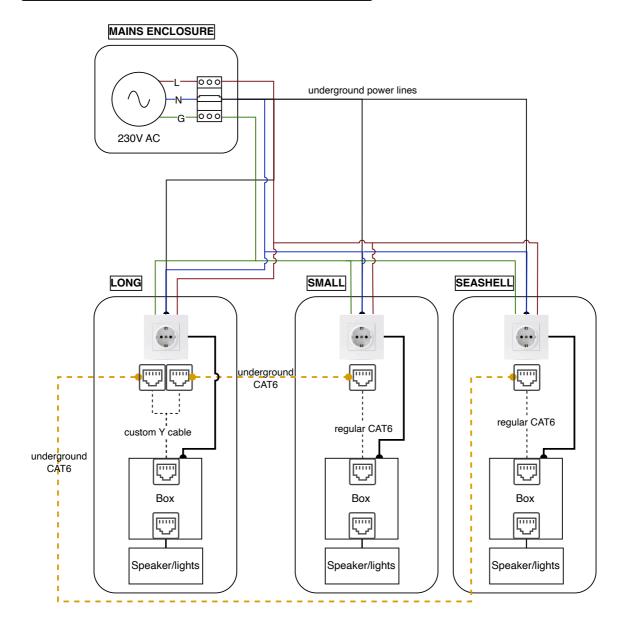
# TRS 3.5 minijack pinout



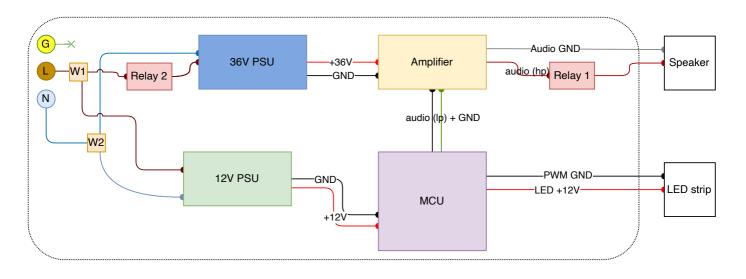
- 1. White Orange
- 5. White Blue
- 2. Orange
- 6. Green7. White Brown
- 3. White Green 4. Blue
- 8. Brown

\_ \_ \_ \_ \_ \_ \_ \_ \_ \_ \_ \_ \_

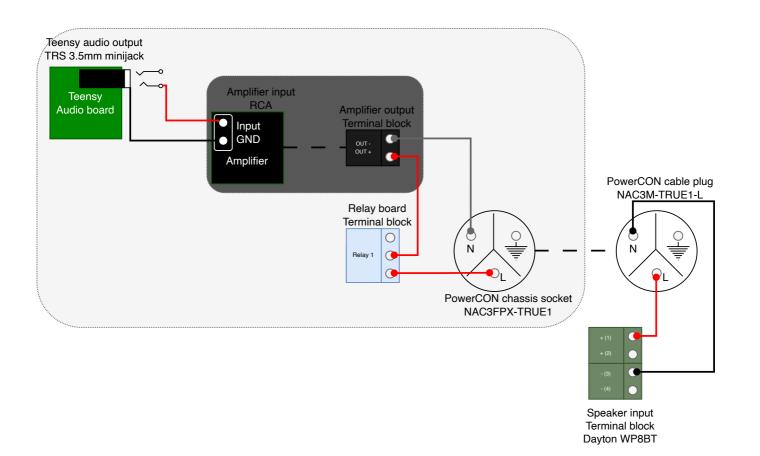
## POWER AND NETWORK WIRING ONSITE



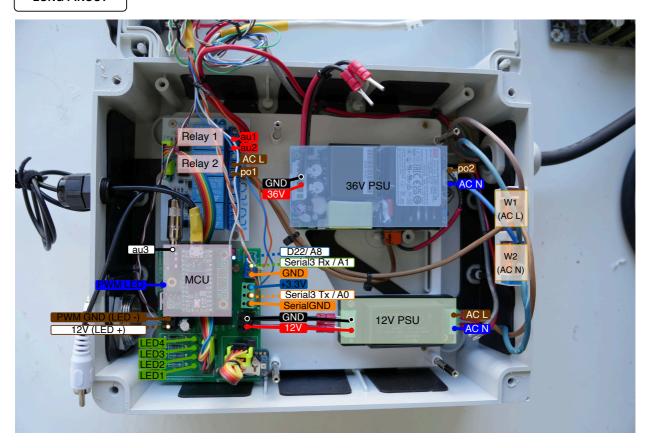
### BLOCK DIAGRAM WIRING IN LONG / SMALL / SEASHELL



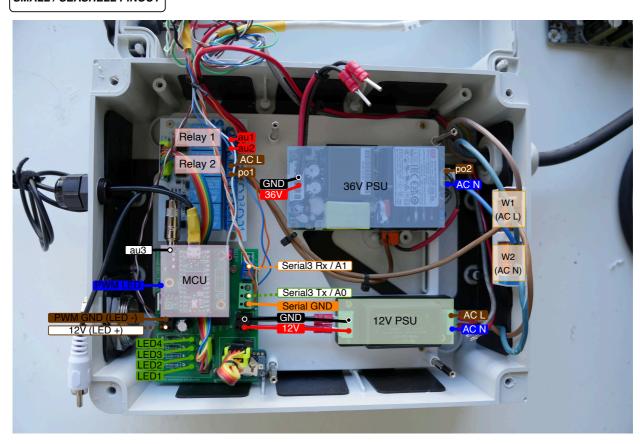
#### LONG / SMALL / SEASHELL - AUDIO SIGNAL CHAIN



## LONG PINOUT



# SMALL / SEASHELL PINOUT



### LONG/SMALL / SEASHELL AMPLIFIER PINOUT



Status LEDs PWM status System status Relay 1 input (from Amplifier out +) Audio Connections Relay 1 output (to Speaker +) MCU output (minijcak) au3 Amplifier input (RCA) au4 Amplifier out + Amplifier out au6 Serial LONG

Serial3 receive

Serial3 transmit

Serial SMALL/SEASHELL Serial3 transmit Serial3 Tx / A0 Serial3 Rx / A1 Serial3 receive

Serial3 Rx / A1

Serial3 Tx / A0

Power AC

220V AC Line AC L 220V AC Neutral po1

Relay 2 output (to 36V DC PSU)

220V AC Line for 36V DC PSU (from Relay 2)

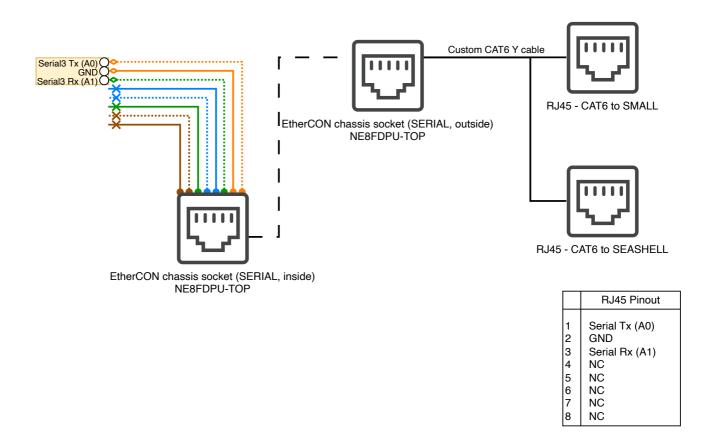
Power DC GND 12V (LED +) Serial GND

+12V DC +36V DC 0V DC / Ground ref PWM 0V DC / LED -+12V DC / LED + 0V DC / Serial3 Ground ref

Volume control LONG

Volume pot analog input +3.3V DC to volume pot 0V DC / Ground ref

### LONG - SERIAL WIRING



#### SMALL / SEASHELL - SERIAL WIRING

