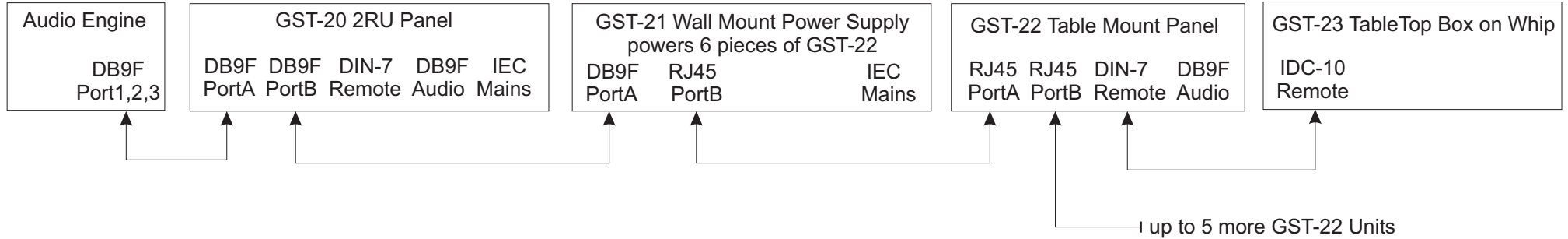




Guest Panel Wiring Diagram



- Audio Engine
Port1&2
1. n/c
 2. Tx + (Orange)
 3. Rx + (Green)
 4. n/c
 5. Gnd (Brown)
 6. n/c
 7. Tx - (Wt/Or)
 8. Rx - (Wt/Gn)
 9. n/c

- GST-20
PortA
1. n/c
 2. Rx + (Orange)
 3. Tx + (Green)
 4. n/c
 5. Gnd (Brown)
 6. n/c
 7. Rx - (Wt/Or)
 8. Tx - (Wt/Gn)
 9. n/c

- GST-20
Remote
1. LedData (Wt/Bu)
 2. LedLoad (Blue)
 3. SwitchData (Wt/Or)
 4. SwitchLoad (Orange)
 5. SerialClock (Wt/Gn)
 6. +5 VDC (Wt/Bn)
 7. Gnd (Brown)

- GST-20
PortA
1. n/c
 2. Rx + (Orange)
 3. Tx + (Green)
 4. n/c
 5. Gnd (Brown)
 6. n/c
 7. Rx - (Wt/Or)
 8. Tx - (Wt/Gn)
 9. n/c

- GST-22
PortA
1. +15 V (Wt/Gn)
 2. -15 V (Green)
 3. Tx - (Wt/Or)
 4. Rx + (Blue)
 5. Rx - (Wt/BU)
 6. Tx + (Orange)
 7. +5 V (Wt/Bn)
 8. Gnd (Brown)

- GST-22
Remote
1. LedData (Wt/Bu)
 2. LedLoad (Blue)
 3. SwitchData (Wt/Or)
 4. SwitchLoad (Orange)
 5. SerialClock (Wt/Gn)
 6. +5 VDC (Wt/Bn)
 7. Gnd (Brown)

- GST-23
Remote
1. LedData (Wt/Bu)
 2. LedLoad (Blue)
 3. SwitchData (Wt/Or)
 4. SwitchLoad (Orange)
 5. SerialClock (Wt/Gn)
 6. n/c
 7. +5 VDC (Wt/Bn)
 8. Gnd (Brown)
 9. n/c
 10. n/c

- Audio Engine
Port3
1. n/c
 2. Tx + (Orange)
 3. Rx - (Wt/Gn)
 4. n/c
 5. Gnd (Brown)
 6. n/c
 7. Tx - (Wt/Or)
 8. Rx + (Green)
 9. n/c

- GST-20
PortB
1. n/c
 2. Tx + (Orange)
 3. Rx + (Green)
 4. n/c
 5. Gnd (Brown)
 6. n/c
 7. Tx - (Wt/Or)
 8. Rx - (Wt/Gn)
 9. n/c

- GST-20
Audio
1. Left In +
 2. Right In +
 3. Left Out
 4. Out Common
 5. Tally, active=0 VDC
 6. Left In -
 7. Right In -
 8. Right Out
 9. +12 VDC 100 mA

- GST-20
PortB
1. +15 V (Wt/Gn)
 2. -15 V (Green)
 3. Rx - (Wt/Or)
 4. Tx + (Blue)
 5. Tx - (Wt/BU)
 6. Rx + (Orange)
 7. +5 V (Wt/Bn)
 8. Gnd (Brown)

- GST-22
PortB
1. +15 V (Wt/Gn)
 2. -15 V (Green)
 3. Rx - (Wt/Or)
 4. Tx + (Blue)
 5. Tx - (Wt/BU)
 6. Rx + (Orange)
 7. +5 V (Wt/Bn)
 8. Gnd (Brown)

- GST-22
Audio
1. Left In +
 2. Right In +
 3. Left Out
 4. Out Common
 5. Tally, active=0 VDC
 6. Left In -
 7. Right In -
 8. Right Out
 9. +12 VDC 100 mA



RJ45

colors in () refer to catagory5 4-pair cable

The tx output of one port must connect to the rx input of the mating port
The +12 VDC tally lamp output is current limited to 100 mA