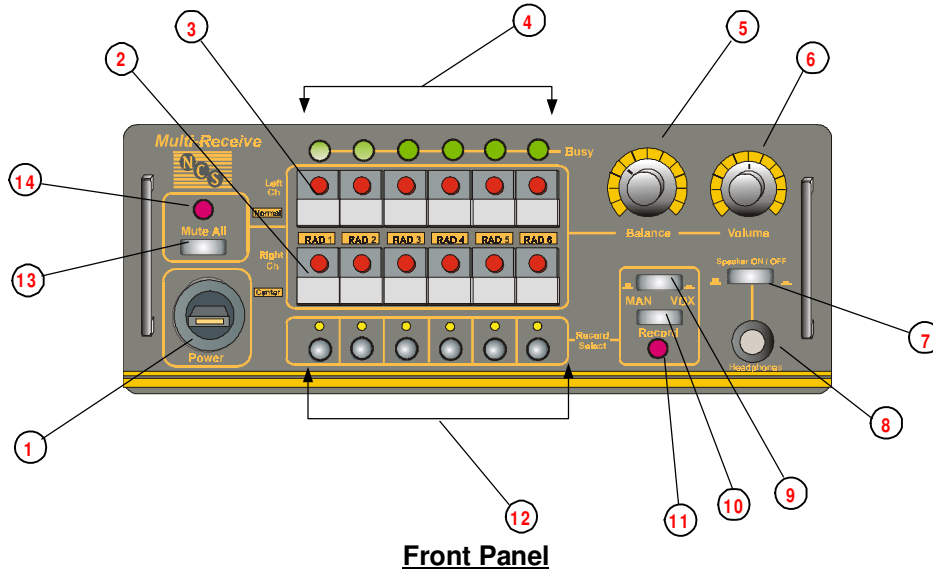


NCS-3230 Multi-Rx™ Interim Specification

Controls and Connectors

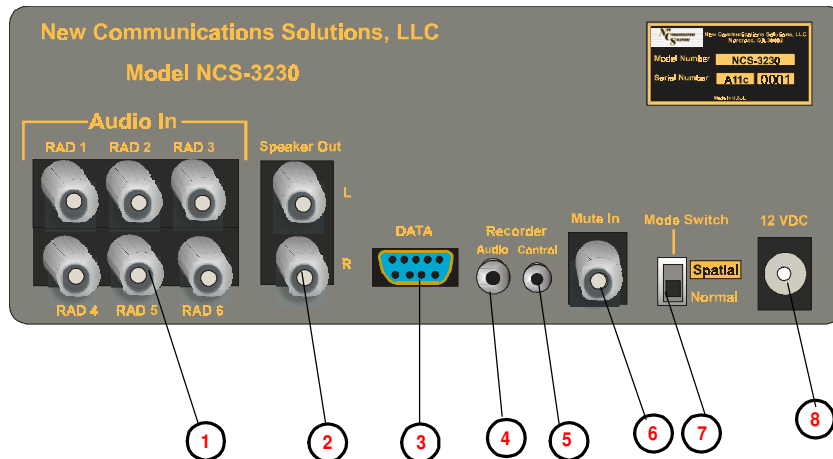


Front Panel

1. **Power On/Off** Switch with integral LED indicator.
2. **Right Channel Select** (NORMAL mode) or **Center** (SPATIAL mode) – If selected, receive-audio will be routed to right speaker in NORMAL mode or in SPATIAL mode will bring audio to the center position in the audio field.
3. **Left Channel Select** (NORMAL mode) or **Normal** (SPATIAL mode) – If selected, receive-audio will be routed to the left speaker in NORMAL mode or in SPATIAL mode will place receive-audio in its predetermined position in the audio field.
4. **Radio Busy Lights** (green LEDs) – When audio exceeds a specified threshold the busy light for that radio will be illuminated.
5. **Balance Control** – Allows positioning of the operator in the center of the audio field.
6. **Master Volume Control** – Controls volume to both speakers.
7. **Speaker ON/OFF** – Turns speakers on or off and allows for headphone and speaker audio simultaneously if desired.
8. **Headphone Jack** – 1/4 “ stereo phone jack for headphones.
9. **Manual / VOX Select** (record) – Manual position causes recorder to run continuously when the Record button is in the “on” position. Selection of VOX operation causes the recorder to be activated only when the selected

radio channel(s) have audio present and when the Record button is in the “on” position.

10. **Record** – The Record button controls whether or not the recorder is activated. If in the off position the recorder will not function.
11. **Record LED** – This LED will illuminate when the recorder is activated.
12. **Record Select** – There are 6 Record Select pushbuttons, one for each radio. When any button is pressed the audio for that radio is fed to the recorder audio out even if the radio is “un-selected” or muted. Yellow LEDs indicate which radios are selected.
13. **Mute All** – Pressing the Mute All pushbutton switch will silence all radios.
14. **Mute All LED** – This red LED will flash while the Mute All pushbutton is engaged.



Rear Panel

1. **Audio In** – Six RCA phono jacks for speaker level audio from radios.
2. **Speaker Out** – Left and Right speaker output RCA phono jacks (4-8 Ohm)
3. **Data** – DB-9 female connector for “Mute-on-Transmit” function lines.
4. **Audio** – Recorder audio out (line level) miniature phone jack.
5. **Control** – Recorder on/off control sub-miniature phone jack.
6. **Mute In** – Mute control signal from Multi-Switcher or other PTT line(s).
7. **Mode Switch** – Selects NORMAL or SPATIAL Mode.
8. **12VDC** – Power jack for 12VDC in to power Multi-RX Switcher.