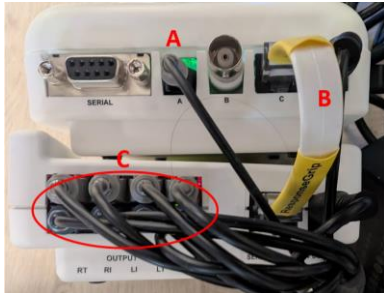


## For Research Use

1. Check all connections: sync cable from scanner (A), ethernet connection between the boxes (B), and ResponseGrips inputs (C, check all eight elements in circle).



2. Check the USB cable is connected to the SyncBox. Switch on the power button on the SyncBox (top) and ResponseGrips box (bottom).



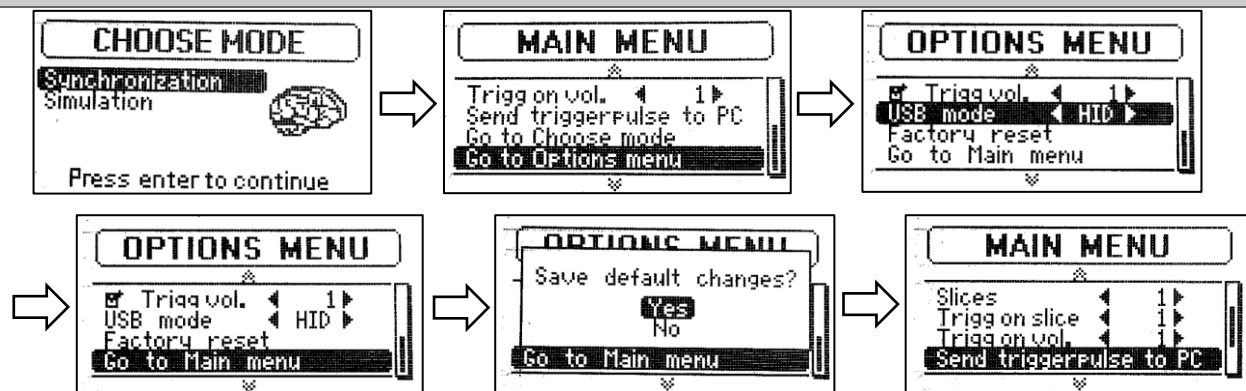
3. Plug in the power for the fibre optic transmitter (top box) and check power LEDs are on. Take the HDMI and USB sync cables from NNL PC (bottom box) and connect to the laptop.



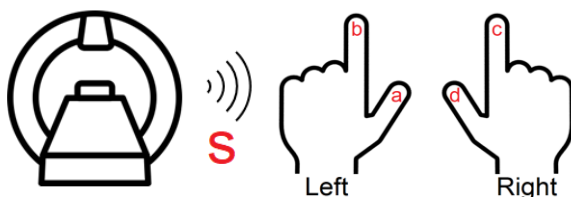
4. To duplicate the laptop screen to the NNL display in the scanner room, press 'Windows' and 'P' keys, and select 'Duplicate'. If audio is required, take the audio cable from the UHS computer and connect to the laptop.



5. Use the arrows on the SyncBox to select Synchronization Mode, then navigate to Options Menu > USB mode. The default mode is 'Serial' - switch to 'HID'. Navigate to Main Menu, save changes and exit. To test key presses, open a text editor, and use "Send triggerpulse to PC".



6. Scanner triggers will appear as letter 's'. ResponseGrips buttons correspond to the letters 'a', 'b', 'c', and 'd' for left thumb, left index, right index, and right thumb.



7. Now, load your paradigm and make sure it's ready. IMPORTANT: To receive the scanner trigger for the duration of the session, check that the number of volumes is 9999, then select Start Session, before starting the first acquisition.



Housekeeping: After all is finished, please set the SyncBox back to Serial mode and re-connect the sound jack, HDMI & USB sync cables back to their locations for clinical use.