

# Source-Connect RTS Checklist

## Installation:

- Correct rewire installation: “Se ReWire” RTAS->Instrument plug-in exists on a track in the DAW. *Select any audio I/O, it will not use it. It should not say “No input/output”*
- If ReWire plug-in is not available, delete the folder “/Library/Application Support/Propellerheads Software” and re-install Source-Connect.

## Session setup:

It is recommended that you create a blank, clean session containing only your required audio routing and a track containing the SE ReWire plug-in. Test it, save it and store it (eg compress the folder) as a template. Use copies of that session as your RTS starting point, where you can import any multimedia content necessary. This way you know that you start on a safe point and you always have the template to fall back on if you face PT session related issues (differences in time values, RTS Play or Stop buttons not responding correctly).

Your session should conform to the following:

- Session Start time must first be 0:00:00
- Frame rates must match on both sides
- Video locations are the same in the timeline
- No manual tempos or tempo mapping (see Conductor icon in transport window)
- Drop frame rates can show the Source-Connect timecode display incorrectly. Use only the Pro Tools display for timecode reference when using drop frame rates.
- No pre roll or post roll.
- In Source-Connect Pro: adjust manual send/delay value when using external I/O

## RTS Mode:

Are you using RTS with correct method? - ADR or Mix/Review Mode. See:

<https://source-elements.com/support/rts/protools>

## Timecode display:

Under certain circumstances, particularly when using Drop Frames, the Source-Connect RTS display time will be out of sync. Always refer to your Pro Tools time display where possible. Request that all partners have the SMPTE view option (older versions of Pro Tools LE do not have this by default).

## Pro Tools:

Best practice with Pro Tools is for one side to create a session, and share it with your connecting partner.

To obtain sync in Pro Tools you must note the following:

- Exact record-start time is not possible due to inaccuracies in obtaining the exact sample-start time (varies from a few samples to a 1/4 frame depending on your method). Use a manual pre-roll of a second or more.
- Must NOT have Delay Compensation enabled (it will not work with RTS).
- Reset *Song start* to 0 (via Time operations).
- New sessions must first have Session start time of 0
- Sync will be out in the first minute of the timeline. Start sync at 00:01:00:000 or later.

## Pro Tools and Tempo maps:

- Tempo must be 120bpm on both sides.
- If you need to use a *Tempo Map*, you must have the same session on both sides or sync will be out. Source-Connect should recognize there is a Tempo Map and not display timecode reference - use Pro Tools directly for referencing sync.
- Must have cursor at 0 to change tempo, and make sure there no tempo changes in session.
- Should say 'Tempo Map' in the Source-Connect RTS window if not 120bpm