
Remote Control: Live, Voice Tracking, Production, Scheduling, Reconciliation

Applications: Remote (off-site) control of Xtreme for

- a) Emergency control of Live On Air
- b) Remote Broadcasts
- c) Remote Voice Tracking
- d) Remote Traffic & Music Schedule Transfer and Editing
- e) Remote log reporting and transfer

Remote operation is possible using broadband connections at both locations, and a software or web service that creates a virtual keyboard, monitor and mouse doubler. GoToMyPC.com supports remote control and remote file transfer (both directions). Therefore it is possible to transfer audio files from a remote off site studio, and update late breaking local content. This can be added on the fly to the current on air schedule. Or the log can be pre-scheduled for non-existing local audio events, which play if audio files are received before air time. This allows remote talent to simply produce and transfer files without having to reschedule the system.

To hear audio (CUE output), and to feed audio, the Broadband connection must also run a separate audio feed. SKYPE is a free program that provides this capability.

If both the host and remote sites are configured correctly to support remote control and bi-directional audio, the user can run a remote show, transfer schedules, generate reports and transfer logs, and even remote voice track or remotely produce audio files.

SETUP

HOST PC

- 1) A broadband connection is required.
- 2) Initialize a remote control session on your host PC at the station.
This requires a GotomyPC account or equivalent.
- 3) Initialize a remote audio session over broadband.
This requires a Skype account with unique user names on both the host and remote PC's.
- 4) Set Skype to Auto Answer incoming calls
(Menu Bar, Tools/Options/Advanced/Call, Automatically answer.)
- 5) **Configuration Options**
 - **A: For Remote Voice Tracking on the On Air Machine (with Bridge), or for Remote Voice Tracking on a Production Studio PC running XSched, and connected to a bridge**
Set Host PC Skype to non standard audio in, so that CUE feed is heard at remote end.
Select: Menu Bar, Tools, then Options, then Adjust Sound Devices, then Audio In, then USB Codec (2), which is the Xtreme's Cue output.
 - **B: For Remote Control of A PC running XEdit or For A PC XSched without a bridge**
(Set the Host PC Skype to use the default windows sound card for Audio In.)
- 6) Set the Host PC Recording Control Input to use WAVE OUT MIX (not the Microphone). This feeds the Skype audio to the VT recorder through Xtreme.

REMOTE PC

- 1) A broadband connection is required.
- 2) Sign in to www.gotomypc.com and enter account sign in information.
- 3) Initialize a remote audio session using your Skype account.
(Requires unique user names on both the host and remote PC's.)
- 4) Set PC Skype to standard audio in and out.
The CUE feed from the host Xtreme will be heard on the remote machine.
The Mic Feed from the Remote PC will be fed to Host Machine and will be used for recordings.

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Notes:

- Test conditions used:
a high speed broadband connection with
 - a) the Host (on air PC running XP Pro) connected via CAT5.
 - B) the remote PC (running XP Pro) connected via a wireless LAN
- Windows 98 may work as well, but has not been tested.
- Audio quality
 - Audio Quality will be a function of the quality of the broadband connection and the quality of microphone used.
 - Performance should be tested for each installation. If Audio Quality is not acceptable, you can schedule VT's as audio files, not yet recorded, then produce the files on the remote PC, and then use GoToMyPC to transfer these to the !!!! Import audio folder on the host On Air) machine.
- This configuration also allows you to remotely record, audition and edit by controlling XEdit on the host PC's. Alternatively you can produce audio on any PC and transfer the files into the on air machine using gotomypc's file transfer feature.