



Accom A-6000 Video Server

This document covers the installation of the Accom (Abekas) A-6000 video server to Fastrack.

COVERED IN THIS TECHNOTE

- Connections between the A-6000 and Fastrack
- Setting IP address on the A-6000
- Configuring Fastrack to work with the A-6000
- Recording to the A-6000

CONNECTIONS

1. Connect the Fastrack and the A-6000 to a network hub or switch.
2. Optionally, connect the two directly with a cross-over Ethernet cable.

SETTING THE IP ADDRESS ON THE A-6000

Decide if you will keep the A-6000's current IP address or change it to better match the Fastrack. The IP addresses must be close (only the fourth triple should vary due to C-Net issues).

To Check/Change the A-6000 IP address:

3. With a VGA monitor and keyboard attached, boot the A-6000 (power on).
4. After boot up, press **[ENTER]**.
5. At the prompt, type: **bootChange** (note the inter capital "C" - all others lower case)
6. Press **[ENTER]** multiple times until the IP address is showing (ex. 192.200.200.1). To accept, press **[ENTER]** multiple times to exit dialog.
7. To change, type in the new IP address (ex. 192.168.100.1) and press **[ENTER]**. Press **[ENTER]** multiple times to exit the dialog.
8. At the prompt, type: **reboot** (all lower case).
9. Press **[ENTER]**

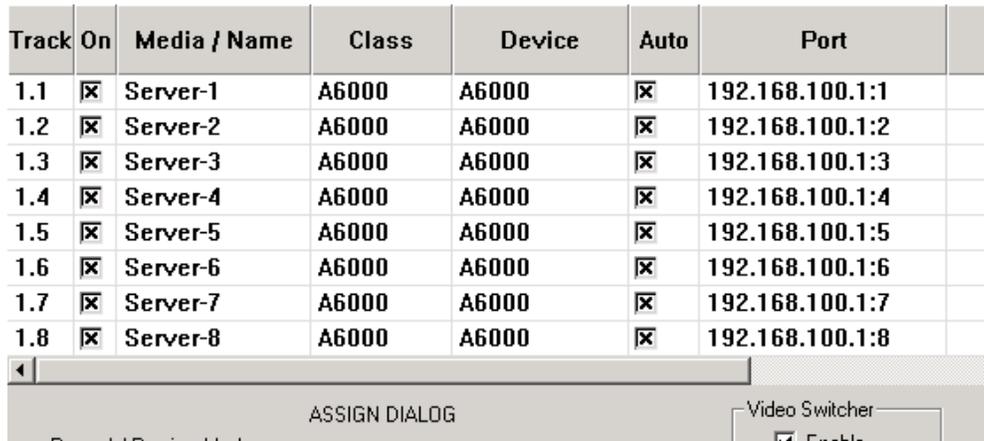
CONFIGURING FASTRACK

There are two methods of configuring Fastrack to use the A-6000.

Method 1 - Assignment Page

10. Press **[SHIFT][ASSIGN]** on the Fastrack keyboard (K6). The following dialog window will appear...

Track	On	Media / Name	Class	Device	Auto	Port	
1.1	<input checked="" type="checkbox"/>	Server-1	A6000	A6000	<input checked="" type="checkbox"/>	192.168.100.1:1	
1.2	<input checked="" type="checkbox"/>	Server-2	A6000	A6000	<input checked="" type="checkbox"/>	192.168.100.1:2	
1.3	<input checked="" type="checkbox"/>	Server-3	A6000	A6000	<input checked="" type="checkbox"/>	192.168.100.1:3	
1.4	<input checked="" type="checkbox"/>	Server-4	A6000	A6000	<input checked="" type="checkbox"/>	192.168.100.1:4	
1.5	<input checked="" type="checkbox"/>	Server-5	A6000	A6000	<input checked="" type="checkbox"/>	192.168.100.1:5	
1.6	<input checked="" type="checkbox"/>	Server-6	A6000	A6000	<input checked="" type="checkbox"/>	192.168.100.1:6	
1.7	<input checked="" type="checkbox"/>	Server-7	A6000	A6000	<input checked="" type="checkbox"/>	192.168.100.1:7	
1.8	<input checked="" type="checkbox"/>	Server-8	A6000	A6000	<input checked="" type="checkbox"/>	192.168.100.1:8	



The screenshot shows the 'ASSIGN DIALOG' window. It contains a table with columns: Track, On, Media / Name, Class, Device, Auto, and Port. The table lists 8 tracks, each with 'On' checked, 'Server-1' through 'Server-8' in the Media / Name column, 'A6000' in the Class and Device columns, 'Auto' checked, and IP addresses with channel numbers in the Port column (e.g., 192.168.100.1:1). Below the table, there is a 'Video Switcher' checkbox which is checked and labeled 'Enable'.

11. Select a Track for each channel of A-6000 (NAME field is optional)
12. Chose **A-6000** from the **CLASS** drop-down menu
13. Chose **A-6000** from the **DEVICE** drop-down menu
14. Click the **PORT** area and type in the **IP address** given to the A-6000, then add a colon (:) followed by the channel number (1-8) for each channel (1 per track)

Example: 192.168.100.1:1 for channel 1, 192.168.100.1:2 for channel 2, etc.

Method 2 - FTConfig.ini file (edit with NotePad)

Add the following to the FTConfig.ini, where **192.168.100.1** is the IP address, and **:1** is the channel. It can be added anywhere within the file. The header must appear in brackets as shown.

```
[A6000Ports]
Host=192.168.100.1:1
Host=192.168.100.1:2
Host=192.168.100.1:3
Host=192.168.100.1:4
Host=192.168.100.1:5
Host=192.168.100.1:6
Host=192.168.100.1:7
Host=192.168.100.1:8
```

After the FTConfig.ini file is edited to include the above text, restart the Fastrack application. Fastrack will now list the available channels in the PORT dialog of the **Assignment Page**.

RECORDING

To record onto the A-6000, the input audio and video types must be set in the **Abekas_6000-Net.dev** file located at: **C:\Fastrack\FTRuntime\Dev\Abekas_6000-Net.dev**.

Open and edit the Abekas_6000-Net.dev file (with NotePad), and enter the number that corresponds to the type of video and audio being fed into the A-6000 for recording for TrackVideo and TrackAudio.

In the example below, the **TrackVideo=5** is **DV25 Video** and the **TrackAudio=8** is **DV Audio**. Incorrect settings will result in no recording of audio or video.

```
[TrackTypes]
TrackVideo=5
TrackAudio=8

#define TRACK_TYPE_AES_AUDIO           0
#define TRACK_TYPE_CCIR601_VIDEO      1
#define TRACK_TYPE_CCIR601_KEY        2
#define TRACK_TYPE_UNKNOWN             3
#define TRACK_TYPE_DV25_KEY           4
#define TRACK_TYPE_DV25_VIDEO         5
#define TRACK_TYPE_DV50_VIDEO          6
#define TRACK_TYPE_DV50_KEY            7
#define TRACK_TYPE_DV_AUDIO          8
#define TRACK_TYPE_DV_AUDIO_HALF      9
#define TRACK_TYPE_MPEG25_KEY          10
#define TRACK_TYPE_MPEG25_VIDEO        11
#define TRACK_TYPE_MPEG50_VIDEO        12
#define TRACK_TYPE_MPEG50_KEY          13
```

SAVE the file, ensuring it is saved in **.dev** format (not .txt).

```
[Timing]
PlayDelay=6
RecDelay=23
```