



## AVAir and Voice Track Slide

Broadcast Electronics Tech Note

### THE INFORMATION IN THIS ARTICLE APPLIES TO:

AVAir

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### SUMMARY

AVAir is capable of automatically recognizing files that are categorized as voice tracks, and delaying the start of audio so that the voice track ends at the intro of the next event. This makes it easy to cut simple voice tracks, because no manual SEC tone information is needed. In fact, a manually placed SEC tone will override and defeat the automatic slide capability.

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### MORE INFORMATION

AVAir requires some items in order to enable proper VoiceTrackSlide within AVAir. The following lines need to be added to the [AVAir] section of the Audiovau.ini located in the AVAir workstation's C:\Windows directory.

DuckGain=	This is an INI file setting that specifies the amount in dB to duck other events when applying Voice Tracking. If this item is not defined in the INI file the default is: -9dB. If defining another value use the following syntax: DuckGain=X (X = number to duck)
DuckTime=	Ducking ramp down time in milliseconds when applying Voice Tracking. The default if not defined in the INI file is set to: 250ms. If defining another value use the following syntax: DuckTime=X
DuckDownTime=	This defines the speed of a duck-down operation. Duck-down is when the AVAir machine decreases the audio level to the duck level. The time is assigned in milli-seconds. The default if not defined in the INI file the default value is: 500ms. If defining another value use the following syntax: DuckDownTime=X
DuckUpTime =	This defines the speed of a duck-up operation. Duck-up is when the AVAir machine increases the level the level to normal following a duck operation. The time is assigned in milli-seconds. The default is 500ms. If defining another value use the following syntax: DuckUpTime=X
VoiceTrackCategories=	The VoiceTrack Categories tells AVAir when to enable all the above settings. VoiceTrack Categories can list multiple categories by separating the list with a Comma. These events will have the Automatic Voice Tracking and Ducking applied to them. This means that when these events are played, the events overlapping when they will be ducked and the time to begin these voice-track events will be calculated by the system. This can also be wild-carded.

VoiceTrackSlide= Maximum time in seconds to delay the start of the VoiceTrack when the intro is longer than the duration of the VoiceTrack. This will prevent long delays in beginning the voice track event in the case when the intro of the next event is extremely long, and the voice track is very short. The default is 3 seconds.

The following, assumes the voice tracks are recorded into a category called VTK, the lines you would want to add to the AVAir section on the INI would be:

```
[AVAir]
.  
VoiceTrackCategories=VTK  
VoiceTrackSlide=1  
DuckGain=-9  
DuckDownTime=250  
DuckUpTime=500
```

Insert the appropriate lines in the Audiovau.ini file and restart the AVAir software. Whenever a "VTK" event shows up in the log, it will read the intro off the next event, and will "slide" the voicetrack to hit the post of the intro time. Obviously, it becomes critical that the user-entered into times be accurate.

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For additional information on this topic, please contact Broadcast Electronics Digital Customer Service at 217.224.4700. You can also email specific questions to [service@bdcast.com](mailto:service@bdcast.com).