



MINNETONKA AUDIO™  
THE TELOS ALLIANCE®

AudioTools™  
FOCUS



## AudioTools FOCUS for Loudness Control

### Loudness in A Video World

AudioTools FOCUS for Loudness Control is an easy to use, standalone Windows application that takes the complexity out of the audio equation. Proven AudioTools presets conforming to every loudness standard are built in and ready to use or modify. With all the standards, file formats and deliverables needed today, loudness management adds one more layer of intricacy to an already complex ecosystem. In a video-centric world, we focus on handling the complexity and dependencies of automating loudness control...AudioTools FOCUS brings audio control into focus.

AudioTools FOCUS for Loudness Control is intended for:

- Sole proprietors needing painless yet high quality logging & adjustment
- Post houses & networks needing container handling
- Any facility that doesn't have deep automation in place

### Hit All Targets

AudioTools FOCUS for Loudness Control makes quality loudness management painless, taking the complexity of files, containers and processing, and making it all available in an easy to use, preset-driven application. A unique AudioTools feature is its ability to hit all loudness targets, not just one or two. With AudioTools FOCUS' logic-driven approach, you can simultaneously comply with Program Loudness, Loudness Range, and True-Peak, without exceeding your Maximum Momentary or Maximum Short Term loudness thresholds.

### Intricacy Unraveled

Simply type in your target parameter changes to the factory presets, and let FOCUS handle the processing complexity:

1. Start with a preset, & type in your target requirements for each delivery spec
2. Define your program configuration
3. Set your file I/O – Watched Folders or Files
4. Submit!

### File-based In Mind

The world is moving toward IT dominated, file-based workflows, and audio is only a part of the overall video picture. AudioTools FOCUS extracts the audio, processes that essence, preserves any audio metadata and rewraps the audio back into the container without modifying the video. This streamlines your workflow while ensuring downstream compatibility. The ITU-R BS.1770-3 Program Loudness standard was defined as file-based. AudioTools FOCUS directly answers that need with a standalone, software solution for loudness control automation.

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## Simplicity ... It's In The Details

Unlike hardware investments that cannot keep up with changing business strategy, delivery/platform requirements and government mandates, AudioTools FOCUS for Loudness Control is a pure software solution.

### AudioTools FOCUS provides:

- Loudness managed while preserving artistic intent
- Complete compliance with North American (CALM) & international loudness control standards including: EBU R 128, ARIB TR-B32 & OP-59
- Linear Acoustic APTO™ for Loudness Range processing
- File-based Omnia.9 processing for podcasts or on-demand (FOCUS Server for Radio)
- Hot Folder or File-driven processing
- MXF & QuickTime container handling – extract/process/rewrap
- Loudness adjustment or pure logging
- File type auto-detection
- Clearly labeled, proven presets right out of the box

### The AudioTools FOCUS and SERVER Family

| Features            |  | FOCUS    | FOCUS Server | FOCUS Server Plus        | FOCUS Server for Radio            | AudioTools Server                                     |
|---------------------|--|----------|--------------|--------------------------|-----------------------------------|---|
| Operation           | Automation through watch folders           | •        | •            | •                        | •                                 | •   |
|                     | Automation through web services API        |          | •            | •                        | •                                 | •   |
|                     | Number of concurrent jobs                  | up to 2  | up to 4      | up to 4                  | up to 4                           | flexible licensing                                    |
|                     | Presets via graphical UI                   | •        | •            | •                        | •                                 | •   |
|                     | Configurable graphical UI                  |          |              |                          |                                   | •   |
|                     | Email Notification                         |          | •            | •                        | •                                 | •   |
|                     | XML scriptable                             |          | •            | •                        | •                                 | •   |
|                     | Custom Workflows                           |          |              |                          |                                   | •   |
| Format Support      | LPCM Audio: WAV, BWF, AIFF                 | •        | •            | •                        | •                                 | •   |
|                     | Codecs: MP2, MP3, AAC, Dolby Digital Plus  |          |              |                          | •                                 | •   |
|                     | Dolby E Support                            |          |              | •                        |                                   | •   |
|                     | Container: GXF, LXF, Transport Stream      |          |              |                          |                                   | •   |
|                     | Audio channels                             | up to 8  | up to 16     | up to 16                 | up to 16                          | up to 128+  |
|                     | Audio program configurations               | Presets  | Presets      | Presets                  | Presets                           | Scriptable  |
| Loudness Processing | ITU 1770 & EBU R 128 Measurement           | •        | •            | •                        | •                                 | •   |
|                     | Program Loudness Adjustment                | •        | •            | •                        | •                                 | •   |
|                     | Momentary & Short-Term Loudness Adjustment | •        | •            | •                        | •                                 | •   |
|                     | True-Peak Limiting                         | •        | •            | •                        | •                                 | •   |
|                     | Loudness Range Adjustment                  | •        | •            | •                        | •                                 | •   |
|                     | Dialog-based level adjustment              | •        | •            | •                        | •                                 | •   |
|                     | Omnia.9 Processing                         |          |              |                          | one instance, all factory presets | all factory presets and unlimited individual profiles |
|                     | AudioTools Advanced Loudness Adaptation    |          | optional     | factory presets included | optional                          | optional  |
| AudioCare           | Service Level Agreement (per year)         | optional | optional     | optional                 | optional                          | mandatory   |

AudioTools FOCUS and FOCUS Server can be upgraded to a full AudioTools Server configuration.

**AudioTools FOCUS – An Affordable, No Compromise Solution That’s Simply a Better Way to Manage Loudness.**



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