

LM5 Loudness Radar Meter for ProTools|HD

Predictable Loudness Management in Music, Broadcast and Post

LM5 displays Instant Loudness, Loudness History and True-Peak level derived from a new, international standard. LM5 is suitable for use in music, post production, broadcast and film; and offers a more coherent way of managing level and avoiding distortion than ancient methods still used in music production. The most fundamental audio issue of all – control of loudness – every day makes millions of people around the world adjust their volume control over and over again.

Jumping levels are caused by fundamentally different mixing and mastering esthetics in music, film, post and broadcast in combination with simplistic peak level normalization at various places of the audio distribution path.

TC Electronic's new LM5 Loudness Radar Meter offers a cross-genre, cross-platform, and cross-format solution to standardized, intuitive control of loudness.



Details

LM5 derives statistical information from the ITU-R BS.1770 standard to visualize instant loudness and loudness history. When production engineers, journalists and video editors realize the loudness boundaries they have to stay within, less dynamics processing is automatically needed during distribution. When processing is required for delivery to certain platforms, it may furthermore be referenced at the audio's Center of Gravity, thereby avoiding washing out differences between foreground and background element of a mix.

LM5 Loudness Radar Meter may be used in conjunction with existing PPM and VU meters, and also greatly increases the usability of Dolby's LM100 by providing running status, and a standardized indication of dialog as well as non-dialog program. The meter is valid for any type of program in mono and stereo and suitable for use in broadcast, post production, film and music alike.