

Loudness Distribution workshop

How to get high quality audio from studio to the home



Event details: workshop, 08-09 Dec 2011, EBU - Geneva (CH)
Target audience: broadcasters, distribution companies, CE manufacturers
Price: no fee, lunch included
Registration: <http://tech.ebu.ch/loudness2011>

Background

Unwanted loudness variations have been a cause of audience complaints for years. The EBU has addressed this problem with [EBU Loudness Recommendation R 128](#). It introduces a new way to measure and level audio, enabling better quality audio from the studio to the home. An important part of the work is described in the [EBU Loudness Distribution Guidelines Tech 3344](#). This workshop will focus on these guidelines.

Goals

- Provide you with detailed knowledge on EBU Tech 3344.
- Help you implement EBU Tech 3344 in practice.
- Exchange ideas and experiences on Loudness with peers in a friendly setting.
- Help the EBU identify future work necessary to improve EBU Tech 3344 and facilitate its adoption.

Workshop structure

On the first day a crash course on EBU Tech 3344 will be provided, explaining how distributors, such as cable operators, and CE equipment, such as set-top boxes, can work together to optimise audio quality and prevent excessive loudness jumps. Real-world examples of broadcasters implementing EBU R 128 will be provided, including an update from FranceTV on the roll-out of EBU R 128 on the French DTT platform.

The second day will be more interactive, providing the opportunity to discuss detailed aspects of Tech 3344 in small groups and with the people who were closely involved in writing the specification. The day will end with a discussion on any additional development still needed.

Programme

08 Dec EBU Tech 3344 Crash Course

- 13:30 **Loudness introduction**
Florian Camerer (ORF)
- 13:45 **EBU Tech 3344 - overview**
Richard van Everdingen (DBLC)
- 14:30 *break*
- 15:00 **Head-end aspects**
Richard van Everdingen (DBLC)
- 15:45 *break*
- 16:15 **CE devices**
Andrew Mason/Andrew Cotton (BBC)
- 17:00 **Roll-out in France**
Matthieu Parmentier (FranceTV)
- 17:45 *end of day 1*

09 Dec Subgroups & Plenary

- 09:00 **EBU Tech 3344 recap - Q&A - division in subgroups**
Florian Camerer (ORF)
- 10:00 *break-up in subgroups*
- 10:15 **Subgroup discussions**
The subgroups provide an opportunity to discuss details in particular areas, including, but not limited to, head-end issues, CE device questions, etc.
- 12:30 *break*
- 14:00 **Update on the implementation of R 128 in Switzerland**
Gabriel Leuzinger (SRG-SSR)
- 14:30 Presentation of **subgroup conclusions & discussion**
- 16:00 *end of day 2*