

Loudness in practice



Hands-on experience for broadcasters

Event details: workshop, 23 February 2011, EBU - Geneva (CH)
Target audience: broadcasters (*technical managers, mixing engineers, planning departments*)
Price: free - *EBU Membership is not required*
Registration: <http://tech.ebu.ch/loudness11>

Brief description

Unwanted loudness variations have been a cause of audience complaints for years. The EBU has recently published several documents describing a new loudness metering and normalisation paradigm that has already been found to reduce profoundly the level of audience complaints. The documents centre on EBU Technical Recommendation R 128.

In this one-day Loudness Workshop, mixing engineers share their experiences of implementing Loudness metering and normalisation according to EBU R 128, for television and radio. Participants will get a thorough introduction to the Loudness problem, the EBU solution and how to implement it in practice. Much attention will be paid to practical relevance and experiences from the field. A live mixing session on-stage will demonstrate what the shift to Loudness levelling really means.

The afternoon will be dedicated to Loudness equipment that implements *EBU Mode* metering. Hardware and software solutions from a wide range of vendors will be on display. Participants will literally be able to touch the products and discuss details with vendors' representatives. In parallel, mixing engineers can attend a hands-on mixing workshop*.

Programme

09:30 - 11:00	Introduction & background <ul style="list-style-type: none">- The Loudness problem- The EBU solution- Practical experience & guidelines	Florian Camerer (ORF) <i>chair EBU PLOUD</i>
11:00 - 11:30	Coffee break	
11:30 - 13:00	One year of loudness experience includes a LIVE mixing session <ul style="list-style-type: none">- How NDR addressed the Loudness issue- Why it is easy, cheap and can be learned in 2 days!	Askan Siegfried (NDR) <i>mixing engineer</i>
13:00 - 14:00	Lunch	
14:00 - 16:30	Equipment demos & Mixing workshops*	
16:30 - 17:00	Wrap-up & final Q&A	Florian Camerer (ORF)

* Places are limited, EBU Members have priority.

Note for manufacturers

If you are a manufacturer and would like to show an *EBU Mode* compliant Loudness product, then please note that on 22 Feb 2011 (the day before the Workshop) the EBU PLOUD Group organises a plug-fest to help manufacturers test their equipment.

For more information, please see:

<http://tech.ebu.ch/loudness11>

You can also contact:

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