

EBU Technical Recommendation R91-1998

Track allocations and recording levels for the exchange of multichannel audio signals

<i>EBU Committee</i>	<i>First Issued</i>	<i>Revised</i>	<i>Re-issued</i>
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The EBU expects that multichannel audio signals will be exchanged for evaluation and assessment on 8-track recording formats.

The EBU expects that such exchanges will be made in the channel format 3/2 (or 3/2+1 if available) recommended in ITU-R Recommendation BS.775-1[1].

For the exchange of multichannel audio programme material, the EBU *recommends* the track allocation and recording levels specified below.

1. Track allocations

Audio tracks in multichannel formats should be allocated as in the Table below.

1	2	3	4	5	6	7	8
L	R	C	LFE (if available)	LS or MS(-3dB)	RS or MS(-3dB)	A (if available)	B (if available)

Where:

Symbol	Audio Signal	3/2	3/2 + 1
L	Left	✓	✓
R	Right	✓	✓
C	Centre	✓	✓
LFE	Low frequency enhancement		✓
LS	Left surround	✓	✓
RS	Right surround	✓	✓
MS	Monophonic surround		
A	Left (two channel stereo)		
B	Right (two channel stereo)		

2. Recording Levels

Recording levels should be as specified in EBU Recommendation R68 (1995)[2].

Bibliography

- [1] ITU-R Recommendation BS.775-1 (1994): **Multi-channel stereophonic sound system with and without accompanying picture**
 - [2] EBU Recommendation R68-1995: **Alignment level in digital audio production equipment and in digital audio recorders**
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