

Informative Checklist

This document is an **informative checklist** for the delivery of television programmes as **files** to SVT

The three *normative* technical specifications are “Technical Specification for the Delivery of Television Programmes as Files to SVT”, “Technical Specification for the Delivery of Live Television Programmes to SVT” and “Technical Specification for the Delivery to SVT News and Sports”.

The current version of this informative checklist is available via http://www.svtb2b.se/?page_id=1952.

File Naming

SVT's specific **Programme-ID**, **Episode Number** and **Programme Title**, e.g. PG-1234567-001A-PROGRAMME_TITLE

HD Video Formats

50 Hz motion portrayal: **720p/50** or **1080i/25**

25 Hz motion portrayal: **1080p/25**

HD Video Codecs

DNxHD 185x, **AVC-Intra 100**, **ProRes 422 HQ** or **XDCAM HD422**

Video Level Tolerance

Expected Y'R'G'B' range (as 8-bit code values): **16-235**

Allowed Y'R'G'B' range (as 8-bit code values): **5-246**

Audio Loudness

Dialogue audibility must be ensured, with the minimum of interference from music and sound effects.

Audio mix compliance: **EBU R 128**.

Programme Loudness: **-23.0 LUFS ±0.5 LU**

Expected Maximum True Peak: **-3 dBTP**

Allowed Maximum True Peak: **-1 dBTP**

Recommended Loudness Range: **≤18 LU**

Recommended Loudness Range of Dialogue: **≤6 LU**

Recommended separation between dialogue and background: **≥8 LU**

Audio Channel Allocations

The two preferred channel allocations (of eight options):

| EBU Ref Code | Programme Type | Audio channel numbers | | | | | | | | | | | | | | | |
|--------------|---------------------|-----------------------|-------|-----------|-----------|--------|--------|-------|-------|-----------|-----------|-----------|-------------|------------|------------|-----------|-----------|
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 |
| R123: 4b | Stereo with M&E | St. L | St. R | St. M&E L | St. M&E R | | | | | | | | | | | | |
| R123: 16b | 5.1, stereo and M&E | 5.1 L | 5.1 R | 5.1 C | 5.1 LFE | 5.1 Ls | 5.1 Rs | St. L | St. R | 5.1 M&E L | 5.1 M&E R | 5.1 M&E C | 5.1 M&E LFE | 5.1 M&E Ls | 5.1 M&E Rs | St. M&E L | St. M&E R |

If possible, we prefer the audio to be delivered as a 3.0 or a 5.1 mix with all the dialogue distributed into the centre channel.