

European Athletics Championship 2018 Berlin - Test sequences

The EBU provides the following test sequences, produced at the European Athletics Championships 2018 in Berlin (Germany).

All sequences are provided on a USB-3 compatible SSD drive.

- **Uncompressed sequences**

Format	2160p/100 BT.2100 (HLG), DPX
Sampling	YCbCr 4:2:2 10-bit
Signal range	narrow range
Audio	none

Title	Duration (seconds)
Long_Jump_Women_1_180SHUTTER	10.00
Long_Jump_Women_2	10.00
Discus_Women	10.00
200m_Hepta_Women_H4	27.00
200m_Hepta_Women_H2*	30.00
Javelin_Men	15.00
3000m_SC_Men*	31.30
100m_Women_H	15.00
400m_Women_SF1	20.00
400m_Women_SF2*	10.00

*Note: all sequences are provided as separate odd/even files; only the 100m_Women_H sequence is provided as a single 2160p/100 sequence. An * next to the name indicates the sequence starts with the even frame; absence of the Asterix indicates the sequence starts with the odd frame.*

- **Compressed sequences**

Format	2160p/100 BT.2100 (HLG), DPX
Sampling	YCbCr 4:2:2 10-bit
Compression	XAVC Class 480 (2x ~800 Mbps)
Audio	none

Note: all sequences are provided as 2 x 2160p/50

Title	Duration	Description
400m_Hurdles_Men_F	00:00:07:00	Complete multi-camera coverage of the 400m Hurdles men final. Includes various types of shots (wide pans, soft zooms, close on the winner).
100m_Hurdles_women_SF2	00:00:10:00	Two shot complete coverage. Start (close, side view) + main coverage from an elevated angle (side view).
3000m_SC_Men_F	00:00:25:00	Front shot of group of runners.
200m_Heptathlon_Women_H1	00:00:20:00	Complete 3-shot multi-camera coverage.
Javelin_Man_With_Spear	00:00:14:49	Single shot coverage of one throw (rapid camera pan, following spear).
Stadium_Inside_At_Night	00:00:13:00	The inside of the stadium at night with various light conditions combined in one wide shot: lit green field, dark audience and bright signage.
Hurdles_Men_Sideshot_1	00:00:05:00	Side view of group of men jumping over hurdles.
Hurdles_Men_Sideshot_2	00:00:07:00	Side view of group of men jumping over hurdles.
In_Stadium_Early_Night_Static	00:00:10:00	Static shot from inside the stadium, includes part of blue track and clouds in the sky. End of the day.
In_Stadium_Early_Night_Slow_Pan_Zoom	00:00:25:00	Single wide shot (slow zoom out and pan) from inside the stadium showing cloudy sky and artificial lighting and signage.
In_Stadium_Tilt_Down	00:00:20:00	Single wide shot (slow tilt down) from inside the stadium showing blue sky with partial clouds and artificial lighting and signage.
100m_Men_F	00:00:14:49	Two shots last part of the race. Shot at night.
Javelin_Germany	00:00:13:00	Single shot (zoom and pan) following spear, at night.
Discus_Women_Sweden	00:00:10:00	Single shot (pan & zoom out) following the complete action. Challenging difference in shadow-rich start and sunny end.
100m_Heptathlon_Women_H1	00:00:20:00	Single (wide, elevated) shot panning with the runners. Challenging combination of track in the shadows and a very sunny surrounding field.
Discus_Women_Canada	00:00:10:00	Single shot (pan & zoom out) following the complete action. Challenging difference in shadow-rich start and sunny end.
Long_Jump_Women_3_180SHUTTER	00:00:12:00	Single shot (side-view, panning) following a complete jump. 180 DEGREES SHUTTER
Long_Jump_Women_4	00:00:12:00	Single shot (side-view, panning) following a complete jump.
Sweet_Sweed	00:00:10:00	Happy Swedish sporter makes a joking gesture on camera before meeting his team mate.

- **Production**

Cameras & Lenses	Sony HDC 4300 with Canon lenses
Production format	2x 2160p/50, 10-bit, BT.2100/HLG
Shading/grading	Live shading on-site, no further grading
Shutter	Open shutter (360°), except for Long_Jump_Women_1_180SHUTTER and Long_Jump_Women_3_180SHUTTER
Recording	Rohde & Schwarz Clipster (uncompressed) Sony PWS-4500 (XAVC Class 480)
Post-production	Uncompressed: none XAVC: Adobe Premiere cut with smart rendering, to prevent reencoding

- **Price**

The use of “European Athletics Championship – Berlin (August 2018)” is subject to the payment of the following administration & handling fee (includes SSD drive and shipment):

EBU members	300 €
Non EBU members	3800 €
Non-profit & university	1900 €

Note: partners who participated in the trial should contact their EBU contact to obtain the sequences.

- **Ordering**

You can order the sequences online here:

<https://www.regonline.co.uk/eac2018-Berlin-test-sequences>

For more information on EBU Test Sequences, see:

<https://tech.ebu.ch/testsequences/>

For any additional questions/help, please contact:

Elisabeth Ecoffey; ecoffey@ebu.ch

EAC2018 - Terms for Content exploitation

The EBU agrees to make available to your Organization a selection of the Content recorded during the European Athletics Championship 2018 held in Berlin (GER), as part of the European Championship 2018, for R&D, non-commercial purposes, and on a non-exclusive and non-transferable basis.

The Buyer agrees to notify the EBU should it intend to use the Content in the presence of third parties (e.g. at public exhibitions), including other EBU members.

The EBU reserves itself the right to withdraw this right should the Buyer misuse the content or breach any of the conditions herein.

General Conditions:

- Buyer shall not create or establish any implied or direct endorsement of any product or service through its use of the content, whether in promotional activities or otherwise.
- Buyer shall not use any official emblems, trademarks, logos of mascots of the European Athletics Championships 2018, European Athletics, and/or European Championships 2018.
- Buyer shall not create or imply any direct or indirect association between itself and the European Athletics Championships 2018, European Athletics, and/or European Championships 2018.
- Buyer shall defend, indemnify and hold EBU harmless from and against any claims, demands, proceedings or damages (including attorneys' fees) arising out of any use by Organization of the content beyond the scope hereunder, or arising out of any behavior of its representatives on site

Legal Force and Effect:

- You confirm that you have authority to commit on behalf of your organization to the above terms.
- You acknowledge that once accepted (express or implied), the above shall be treated as fully binding and with legal force and effect.