



2016 Commercial material specification

> Delivery of copy to Bloomberg TV

Copy should be Full HD, in English and delivery should be by digital file submission – please use one of the following;

- Extreme Reach
- Comcast Ad Delivery
- Javelin
- Yangaroo
- SpotGenie
- Syncro Services

> File Submission Process

- Upload your file to one of the above upload services, ensuring the file name complies to the below standard.
- Once uploaded, please email the traffic team. Contact details can be found below.

> Delivery Deadline

All materials must be received by Bloomberg, no later than 10 working days before the first scheduled air date of the spot. All instructions must be received at least 3 working days prior to broadcast. Bloomberg TV cannot guarantee to meet any scheduled air dates for material received after this deadline.

> Regulatory Bodies

Bloomberg Television is subject to the Federal Trade Commission (FTC) advertising laws and regulations and the Federal Communications Commission (FCC) identification of sponsorship requirements. Bloomberg Television reserves the right to reject any material that does not comply. A copy of our advertising guidelines is available upon request.

All commercials must be supplied in English with the relevant clock number, ISCI or Ad-ID code.

> Music Returns

If music is used within the commercial, please include a copy of the music return so that Bloomberg TV can appropriately report all music usage to the relevant bodies.

> Traffic Instructions

- All copy instructions should specify network and/or dayparts
- All copy instructions should include the ISCI codes
- All copy instructions should include the active flight dates

> Contact details

Theresa Caruso
Email: tlucatorto@bloomberg.net
Tel: +1-212-617-1701
Fax: +1-917-369-5207
731 Lexington Ave. 3rd FL, New York, NY 10022

Rachel McAlpine
Email: rmcalpine@bloomberg.net
Tel: +1-212-617-5614
Fax: +1-917-369-5207
731 Lexington Ave. 3rd FL, New York, NY 10022

TV Traffic Email: tvtraffic@bloomberg.com
TV Traffic Hotline: +1-212-617-5850

BLOOMBERG TV RESERVES THE RIGHT TO MAKE ADJUSTMENTS TO THE ABSOLUTE AUDIO AND VIDEO SIGNAL OF ANY SPOT RECEIVED IF DEEMED NECESSARY, OR THE SPOT WILL BE REJECTED AND RETURNED TO THE SUPPLIER FOR CORRECTION.

> A/V specifications – Outline

- All files must be in NTSC format – 29.97fps/60i – Interlaced – Upper field first
- All video must be in a true 16:9 aspect, 4:3 video will not be accepted: 1920x1080 Square Pixels @ 1.0
- If your commercial contains 4:3 material, it must either be pillar boxed to 16:9, or scaled up to fill the entire 16:9 raster in the correct aspect. Any spot that contains 4:3 footage stretched horizontally to fill the 16:9 raster will be failed in QC and rejected for a revision re-edit
- Audio must peak no higher than -10dBFS/6PPM (Type IIa) and be no louder than -23 lufs, complying with the ITU-R BS.1770-2 standard (R128)
- Video levels must comply with Rec 709
- Should the commercial contain stroboscopic images or fast cuts, please visit www.onlineflashtest.com for further guidance
- Video should be encoded at a constant bit rate of not less than 36Mbps

> File specifications in full

- File Format: GXF or MXF
- Codec: HD MPEG
- Frame Rate: 29.97 fps
- GOP Length: 12
- GOP Structure: IBBP
- Bit Rate: CBR-36Mbps
- Field Order: Upper field first
- Black Level: 0 IRE
- Luminance: 100 IRE
- Black frame fade up: 4 frames
- Black frame fade down: 4 frames
- Audio Codec: MPEG1 Layer 2
- Sampling Rate 48kHz
- Number of Channels: 2 (Stereo)

> Safe Areas for Captions

For HD, 16:9 caption safe is defined as:	80% of active picture width: Pixels 0192 > 1727 inclusive 90% of active picture height: Pixels 0055 > 1026 inclusive
--	---

All captions and credits must be clear with a legible font size (for HD the minimum is 30 pixels high)

> File Naming Convention

All files should be named as the corresponding Ad-ID, ISCI or Clock Number. See below for example;

Ad-ID = BAAM0193000/H Filename = BAAM0193000H.gxf

> Static Billboard

- JPEG, EPS files
- 1920x1080 Upper Field First JPG 300 dpi HD
- Include 7 second copy
- Email both graphics and copy to Theresa Caruso at the above email address

> Animated Billboard

- Animation must be 10 seconds in duration
- Include 7 second copy
- Send animation file via one of the above listed digital upload services
- Email billboard copy to Theresa Caruso at the above email address