



TECHNICAL SPECIFICATIONS FOR THE TELEVISION CHANNELS MARKETED BY REGIS

GENERAL TERMS

REGIS advertising sales house reserves the right to refuse all advertisements that it deems to be detrimental to the image of Mediawan Thematics or contrary to its code of conduct and editorial line for the programs on its channels.

The advertising network also reserves the right to refuse all advertisements likely to cause affront to public order, public decency or to offend the moral, religious, cultural or political beliefs or convictions of the viewers of Mediawan Thematics' television channels.

All advertising texts must conform to the legislations and regulations currently in effect in France, as well as the recommendations of the ARPP (the French Advertising Standards Authority).

Mediawan Thematics and its channels are not responsible for advertising texts broadcast on networks which are under the sole control of the advertiser.

FORMAT AND SUPPORT OF THE COMMERCIALS

REGIS cannot be held accountable for problems during broadcasting if the following conditions are not respected. REGIS reserves the right to refuse all commercials which do not conform to the technical specifications of the channels marketed by the advertising network

DELIVERY OF COMMERCIALS

Digital Support

The commercials must be provided in digital format

The advertiser is invited to contact one of REGIS's partner companies which provide this service in order to confirm the technical specifications for delivery (there are charges for this service) Currently:

PEACH Vidéo

53, rue d'Hauteville - 75010 Paris +33 (0)1 49 49 99 71

www.peachvideo.com

ADSTREAM

6, Rue Paul Vaillant Couturier 92300 Levallois-Perret +33 (0)1 44 01 50 60

<http://www.adstream.fr>



The confirmation of delivery for the commercials must be sent at least 72 working hours before the 1st broadcast to:

Léa Lomon
01 49 17 31 71
Planning-regis@mediawan.com

Nathalie Languille
01 49 22 24 96
Planning-regis@mediawan.com

TECHNICAL SPECIFICATIONS

VIDEO

The program will be preceded by a 10 second "black" video signal; this video signal corresponds to a silence on the audio tracks. The program must also end with a "black" of approximately 30 seconds which corresponds to a silence on the audio tracks. Colour bar pattern 100% luminance and 75% chrominance.

VIDEO							
frame rate	Format profile	resolution	Time code	Chroma sampling	Interlacing	GOP Structure	Bitrate
25 fps	MXF (HD CAM 50 OPIa)	1920 x 1080 (Full HD)	00.00.00.00	709	YES	M12 N3	50 Mo

AUDIO

The alignment level read on a Full Scale true peak meter is -18dB FS for a sinusoidal signal at a frequency of 1000 Hz STEREO: A 1.000 Hz alignment signal at -18dBFS must be at a Loudness level of -18LUFS on measuring equipment in EBU Mode, if the signal is present on the left and right channels of a stereo program/audio or 5.1. MONO: If the signal is not present on only one of the channels, the level will be -21LUFS DYNAMIQUE: The Loudness target value on the whole program.

Whatever the mix, the combined Loudness target value for the whole program is -23LUFS (silent programs permitted)

SOUND						
Mix	Format	Channels	specs	Sample rate	Bits per sample	Loudness value
STEREO	WAV (PCM, 24 bit, 48 kHz)	2	Complete Pro tools Session	48 kHz	24	23 LUFS