

DTS EMPIRICAL TEST DISC

Remove all discs before loading. Test #1 will play automatically. To proceed, wait for announcement.

- On the DTS-6/-6D - Select the desired test number on the "TIMECODE HEAD OFFSET" rotary switches (located behind the player's front plate). Be sure to write down the current offset setting *before* your selection is made and restore the setting for proper DTS movie playback.
- On the DTS-6AD – Press the F4 NEXT button until the desired test (reel) number is displayed.

NOTE: ***Some of these test signals may cause serious damage to sound systems that are not properly designed to reproduce the extended dynamic range of a digitally-based sound storage system.**

- 1 Empirical test section
- *2 Power handling test**
- 3 Left level, set channel ID, pink noise @ 0dB alternating with low level multi-tone
- 4 Left surround level set
- 5 Center level set
- 6 Right surround level set
- 7 Right level set
- 8 Male voice for speaker comparison
- 9 Female voice for speaker comparison
- 10 Music for speaker comparison
- 11 Dialog, front speaker balance
- 12 Pink noise, surround speaker balance
- 13 Music, front speaker balance
- 14 Digital silence
- 15 Left channel ID, -10dB sweep, 0dB sweep
- 16 Left surround channel ID, -10dB sweep, 0dB sweep
- 17 Center channel ID, -10dB sweep, 0dB sweep
- 18 Right surround channel ID, -10dB sweep, 0dB sweep
- 19 Right channel ID, -10dB sweep, 0dB sweep
- 20 Room acoustics test: left surround, right surround, center
- 21 Left level sweep 400 Hz, -5dB to +5dB
- 22 Left surround sweep 400 Hz, -5dB to +5dB
- 23 Center level sweep 400 Hz, -5dB to +5dB
- 24 Right surround sweep 400 Hz, -5dB to +5dB
- *25 Right level sweep 400 Hz, -10dB to +20dB**
- 26 Left level sweep 400 Hz, -10dB to +10dB
- 27 Left surround level sweep 400 Hz, -10dB to +10dB
- *28 Center level sweep 400 Hz, -10dB to +20dB**
- 29 Right surround level sweep 400 Hz, -10dB to +10dB
- *30 Right level sweep 400 Hz, -10dB to +20dB**
- *31 Left explosion @ +10dB, +20dB**
- *32 Left surround explosion @ +10dB, +20dB**
- *33 Center explosion @ +10dB, +20dB**
- *34 Right surround @ +10dB, +20dB**
- *35 Right explosion @ +10dB, +20dB** *DTS-6AD will not play the programs 36 - 50*
- 36 1KHz @ reference level, all channels (250mV RMS)
- 37 Left pink noise @ reference level (85dB SPL)
- 38 Left surround pink noise @ reference level (82 dB SPL)
- 39 Center pink noise @ reference level (85dB SPL)
- 40 Right surround pink noise @ reference level (82dB SPL)
- 41 Right pink noise @ reference level (85dB SPL)
- 42 Sub bass pink noise @ reference level (85dB SPL)
- 43 Left 1/3 octave pink sweep 25 Hz - 2 KHz, 1 second pause, sweep 2 KHz - 20 KHz
- 44 Left surround 1/3 octave pink sweep 125 Hz - 2 KHz, 1 second pause, sweep 2 KHz - 20 KHz
- 45 Center 1/3 octave pink sweep 25 Hz - 2 KHz, 1 second pause, sweep 2 KHz - 20 KHz
- 46 Right surround 1/3 octave pink sweep 125 Hz - 2 KHz, 1 second pause, sweep 2 KHz - 20 KHz
- 47 Right 1/3 octave pink sweep 25 Hz - 2 KHz, 1 second pause, sweep 2 KHz - 20 KHz
- 48 Sub Bass sweep 20 Hz - 80 Hz
- 49 5 channel pop test, channel number ID by number of pops
- 50 4 seconds pink noise: left, center, right, left surround, right surround