

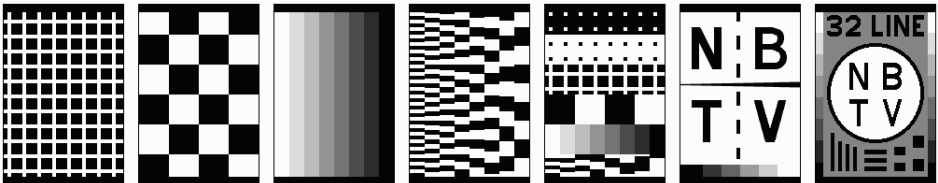
## NBTV-CD number 1

Total playing time: 69m:00s

Number of tracks: 63

Standard: 32 line club standard

This first disc gives you test pictures and live moving video. It was produced as a result of recordings made at the NBTV Convention held the 17<sup>th</sup> of April 1999 in Loughborough, UK. You will see and hear members of the club interviewed and describing their experiences with NBTV. This disc is recommended when you put your first NBTV monitor into operation.



A number of useful test pictures, like the ones shown here, are included on the disc. There are 12 still pictures, one alternating sequence and one photograph. Each has a duration of 3 minutes. The repeating moving video sequences of 10 seconds long were taken with a vidicon NBTV camera built by Graham Lewis and edited into EPROM files by Grant Dixon.

The sound track during the test pictures holds test tones and test signals. They are computer generated in the highest degree of perfection and are very useful in measuring the performance of your CD player. You can also use these tracks as a source of audio test signals for measurements on audio equipment. Each test tone has a duration of one minute. The inlay card informs you about the track number of the different test pictures and test tones.

Starting at track 47 to the end there is the real live moving video with sound as recorded at the Convention in 1999. The recording was done on a trial basis, and you will see members participating in the event and their spontaneous reactions when made aware of the video recording in progress. A normal TV camera is used and a scan converter built by Peter Smith, G4JNU. Jeremy Jago acted as ad hoc cameraman. A subdivision in tracks is made to provide fast access to certain scenes.

All NBTV signals on this disc are according to the club standard, i.e. vertically scanned upwards with 32 lines, frame scanning from right to left, 12½ frames per second with an aspect ratio of 3:2, portrait oriented. At the moment of recording Peter Smith' scan converter was still aligned to an aspect ratio of 7:3 instead of 3:2. When reproduced on a 3:2 televisor pictures may appear vertically compressed.

The level of the video is 1 volt black to white, with negative (sub black) going sync pulses of 0,4 volt. A missing sync pulse indicates the start of a new frame. The video sequences are assembled in a way that the sync runs seamlessly from one track to the other.