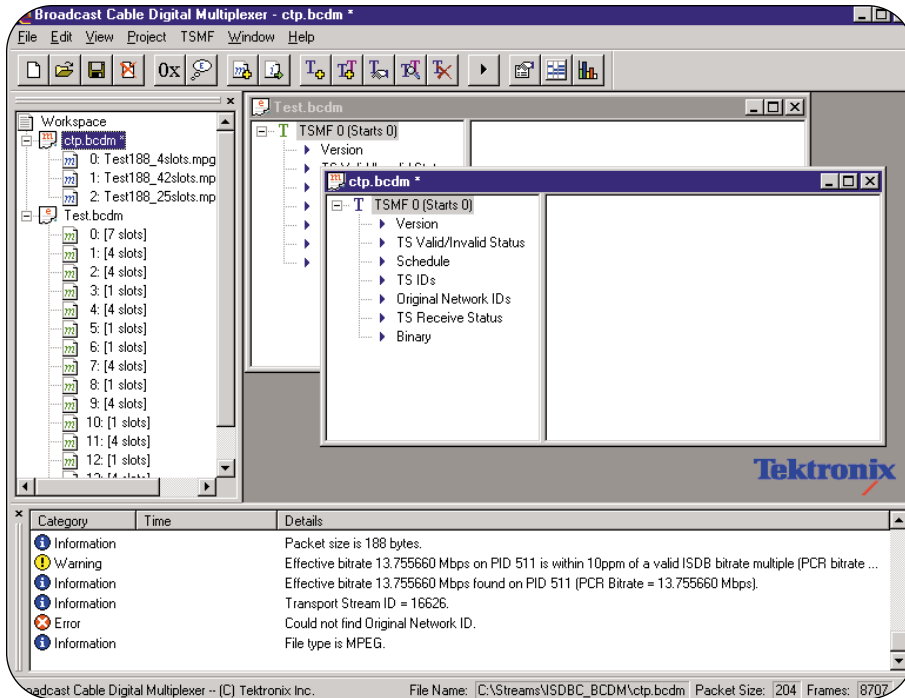


# Broadcast Cable Digital Mux

## ► BCDM Software Module



The Tektronix Broadcast Cable Digital Multiplexer (BCDM) provides off-line multiplexing of existing transport streams and TSMF information in order to produce ISDB-C streams (TSMF streams). It can also be used to demultiplex existing TSMF streams and enables the TSMF information to be edited.

BCDM is a complete multiplexer, demultiplexer, editing and analysis tool for TSMF streams. The software application enables the following activities:

- Creation of TSMF streams comprising one or more MPEG files and TSMF information
- Analysis of TSMF streams, showing TSMF, transport streams and continuity information; a number of conformance checks are also performed
- Extraction of one or more MPEG transport streams from a TSMF multiplex
- Editing of TSMF streams, including addition and removal of MPEG files and modification of TSMF information

## ► Features & Benefits

Allows Transport Stream Structure Modelling Specifically for ISDB-C Compatible Systems

TSMF (Transport Stream Multiplexing Frame) Editing

TSMF Multiplexing

Extraction of Transport Streams from TSMF Streams

## ► Applications

Interactive Television

Software Development

Set Top Box Design

Broadcast and Cable Equipment Design

Broadcast Cable System Test

# Broadcast Cable Digital Mux

## ► BCDM Software Module

For testing of transmission chain equipment or set-top boxes, quite often a transport stream of the representative type needed is just simply not available. Even if there is a similar one, vital components within it may be missing or suffer from a lack of SI (System Information) or other tables, or are simply multiplexed to the incorrect transport stream rate for the application. BCDM software allows the user to test variants of standard streams well before investing time and money in a new project.

## ► Characteristics

### Host Specifications

#### BCDM is Available for the Following

##### Tektronix Products:

- AD953-II MPEG Test System.
- AD953P-II Portable MPEG Test System.
- AD951-II MPEG Test System.
- AD951P-II Portable MPEG Test System.
- AD952-IIR Stream Analyzer Recorder.
- AD952-IIM Stream Analyzer Monitor.
- AD952P-IIR Portable Stream Analyzer Recorder.
- AD952P-IIM Portable Stream Analyzer Monitor.
- AD960 MPEG Data Broadcasting Test System.
- AD960P Portable MPEG Data Broadcasting Test System.
- AD991 MPEG Signal Source (version 2.4).

The BCDM software requires no other additional software in order to run, other than a suitable operating system. BCDM is designed to run as part of Tektronix MPEG test systems.

## ► Ordering Information

- AD953-II-BC – BCDM for AD953-II.
- AD953P-II-BC – BCDM for AD953P-II.
- AD951-II-BC – BCDM for AD951-II.
- AD951P-II-BC – BCDM for AD951P-II.
- AD952-IIR-BC – BCDM for AD952-IIR.
- AD952-IIM-BC – BCDM for AD952-IIM.
- AD952P-IIR-BC – BCDM for AD952P-IIR.
- AD952P-IIM-BC – BCDM for AD952P-IIM.
- AD960-BC – BCDM for AD960.
- AD960P-BC – BCDM for AD960P.
- AD991-BC – BCDM for AD991.

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For the most up-to-date product information visit our web site at [www.tektronix.com](http://www.tektronix.com)

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