



WorldDMB ETI Library

Frequently Asked Questions

What is an ETI File?

ETI files (Ensemble Transport Interface) provide a standardised (ETSI ETS 300 799) method for the distribution of a DAB, DAB⁺, DMB Ensemble from the output of a multiplexer to the input of a modulator/transmitter.

An ETI stream can be recorded at multiplexer/switch output and modulator/transmitter input it allows comprehensive analysis of the full ensemble, including: frame characteristics; timestamps; error status; signalling; as well as all audio, data and video services

ETI files can be analysed for diagnostics and test/development purposes and can also be replayed-into a modulator/transmitter to provide a local on-air signal for receiver testing, demonstrations and exhibitions.

What is the WorldDMB ETI Library?

The WorldDMB ETI Library is a user friendly online database of ETI files. It contains country snapshots of DAB, DAB⁺ and DMB (ETI files from different markets), ETI files configured with multiplexing equipment from specific manufacturers, as well as files that can be used for demonstration and testing purposes.

How can the WorldDMB ETI Library benefits your business?

What benefits does the ETI Library offer Manufacturers?

By identifying and compiling the different multiplex solutions, the WorldDMB ETI Library assists receiver manufacturers in testing their products ensuring they include the minimum set of function requirements set out in the WorldDMB Receiver Profiles, making them compatible on a pan-European and worldwide basis.

A centralised database is especially important for receiver manufacturers producing products destined for multiple markets, specifically the car industry, where receivers must be harmonised for cross border use.

What benefits does the ETI Library offer Broadcasters?

Broadcasters can use the WorldDMB ETI files to check their own transmissions for conformity, further reducing the risk of inconsistent reception that could arise from complex configuration of the digital broadcasting systems, ensuring receivers operate correctly within their markets.

The Library is managed and feedback on files is given to broadcasters by the WorldDMB Technical Committee.

What files are currently available in the WorldDMB ETI Library?

Please see the PDF document on our website, which shows information on all of the files currently available in the WorldDMB ETI Library.

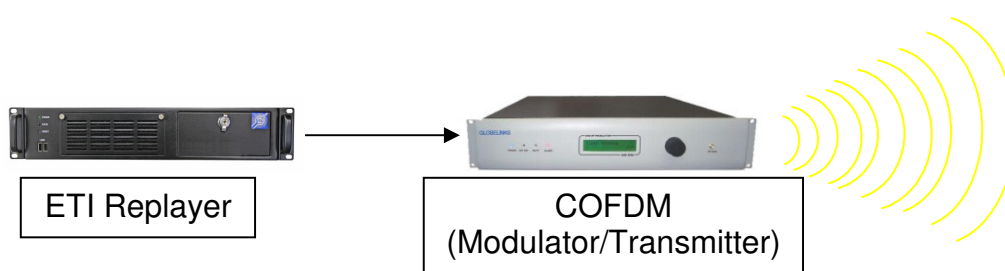
New files from around the world and from different manufacturers are added to the Library on a regular basis. If you have any specific service type or configuration requirements, the WorldDMB Technical Committee will make its best efforts to source these for you.

Is the WorldDMB ETI Library simple to use?

WorldDMB members can upload ETI files in to the Library, where there is a simple form to fill-in which gives information on the ETI files, so that the database can easily be searched. For example, the search engine in the Library allows you to search for files with FM, DAB service following.

What equipment do I need to replay ETI files?

To replay the ETI files to your DAB modulator, you will need an ETI Replayer.



Some modulator/ transmitters that are designed for testing purposes incorporate an internal ETI Player. To play the ETI file you must upload it onto the lab modulator/ transmitter (e.g., via network or USB memory stick) and the lab modulator/transmitter directly plays the ETI file.

What equipment do I need to record ETI files?

To record ETI files, you need an ETI Recorder.

WorldDMB Members providing ETI Recorders and Replayers are:

VDL - www.vdl-broadcast.com

Factum - www.factum.se

WorldDMB Members providing Modulator/Transmitters with integrated ETI Player are:

Harris – www.harris.com

If I would like to contribute a file to the ETI Library how do I do this?

You will need to be a member of WorldDMB and have a member's login. To receive a members login please go to – <http://www.worlddab.org/register>

What is the format of ETI Files in the Library?

All ETI files must be submitted in the ETI (NI) format. A description of the file and its content should also be provided.

It should be noted that there are many different file formats for ETI files, so some files may need to be converted to ETI (NI) format.

How do I convert files into the ETI (NI) format?

Software is now available to all WorldDMB members in the Member's Section *Sharepoint*, which will allow conversion of most ETI file types to ETI (NI) format.

How can I access the WorldDMB ETI Library?

To access the WorldDMB ETI Library you must be a member of WorldDMB.

Can I access the WorldDMB ETI Library if I am not a WorldDMB Member?

No, this is a members-only benefit.

How do I become a member of WorldDMB?

To find out about the benefits of becoming a member of WorldDMB please visit our website - <http://www.worlddab.org/membership> or contact our Membership Officer, Caroline Brindle – caroline.brindle@worlddab.org