

# **YamahaTX16WDatatype**

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<b>COLLABORATORS</b>
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	<i>TITLE :</i> YamahaTX16WDatatype		
<i>ACTION</i>	<i>NAME</i>	<i>DATE</i>	<i>SIGNATURE</i>
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<b>REVISION HISTORY</b>
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NUMBER	DATE	DESCRIPTION	NAME

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# Chapter 1

## YamahaTX16WDatatype

### 1.1 Yamaha TX16W Datatype document

Yamaha TX16W Datatype - Public Release 1

Version 39.4 (24.01.1994)

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### 1.2 INSTALLATION, REQUIREMENTS & TESTED

This datatype is tested on a Amiga 4000 with Kickstart 3.1, but it should run on all machines with Kickstart 3.0 and above. Only 32Bit Prozessors ( $\geq 68020$ ) are supported!.

To install just copy the files

TX16W

TX16W.info

to the drawer

sys:devs/datatypes

and the file

TX16W.datatype

to the drawer

sys:classes/datatypes

and reboot your machine.

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## 1.3 Yamaha TX16W Fileformat Information

The TX16W is a 12bit music sampler manufactured by Yamaha. It has 3 sampling frequencies 16,33 and 50 hz. The samples can be stored on floppy disks which use the MS-Dos format and a subset of the MS-Dos Filesystem, so reading with CrossDos should be save, but never tried it.

File Extension : #?.Wxx with xx (checked by datatype \*)

Magic Number : "LM8953" (checked by datatype)

\*) All TX16W files have the same magic number, even utility files, so we have to check it.

## 1.4 Features & TODO

### FEATURES

\*Decode TX16W sample files to 8 bit sample data

\*Normalizes the 8bit data (which is much quicker)

### METHODS

\*OM\_New to read from file

### TODO

(near future)

\*Normalize the 12 bit data for better quality ( but is much slower )

\*Looppoint extraction

\*Low memory detection & low memory conversion

(maybe)

\*Implement other methods (Write)

\*Prefs and shared library for conversion & general behaviour of sound data-types, based on a sound support library wich can convert and process sample data. ( Feel free to contact me for suggestions and help offers )

### OTHER DATATYPE PROJECTS

-Maud ( also released )

-MIDI Sample Dump Standard ( on work )

-Sample Vision ( also released )

## 1.5 Disclaimer & legal matters

### DISCLAIMER

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#### LEGAL MATTERS

This datatype is Public Domain. Do whatever you want with it.

This datatype is based on the source code of the AIFF Datatype by Olaf 'Olsen' Barthel <olsen@sourcery.han.de> which is public domain.

## 1.6 ACKNOWLEDGEMENT

Many thanks to Olaf 'Olsen' Barthel for his help in designing datatypes.

## 1.7 Bugs

#### BUGS

no known bugs (yet), but there is no 100% bug free software...

contact the **Author** for bug reports.

## 1.8 Release History

Version 39.4 - archive bug fixed.

- more save sample data length.

- library and file open cleaned.

Version 39.3 - first public release.

## 1.9 Author

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