TEXAS INSTRUMENTS GEBRUIKERSGROEP

TEXAS INSTRUMENTS
HOME COMPUTER

READY-PRESS ANY KEY TO BEGIN

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TI-99/4A + 32K memory

- Load assembler files via a cassette recorder
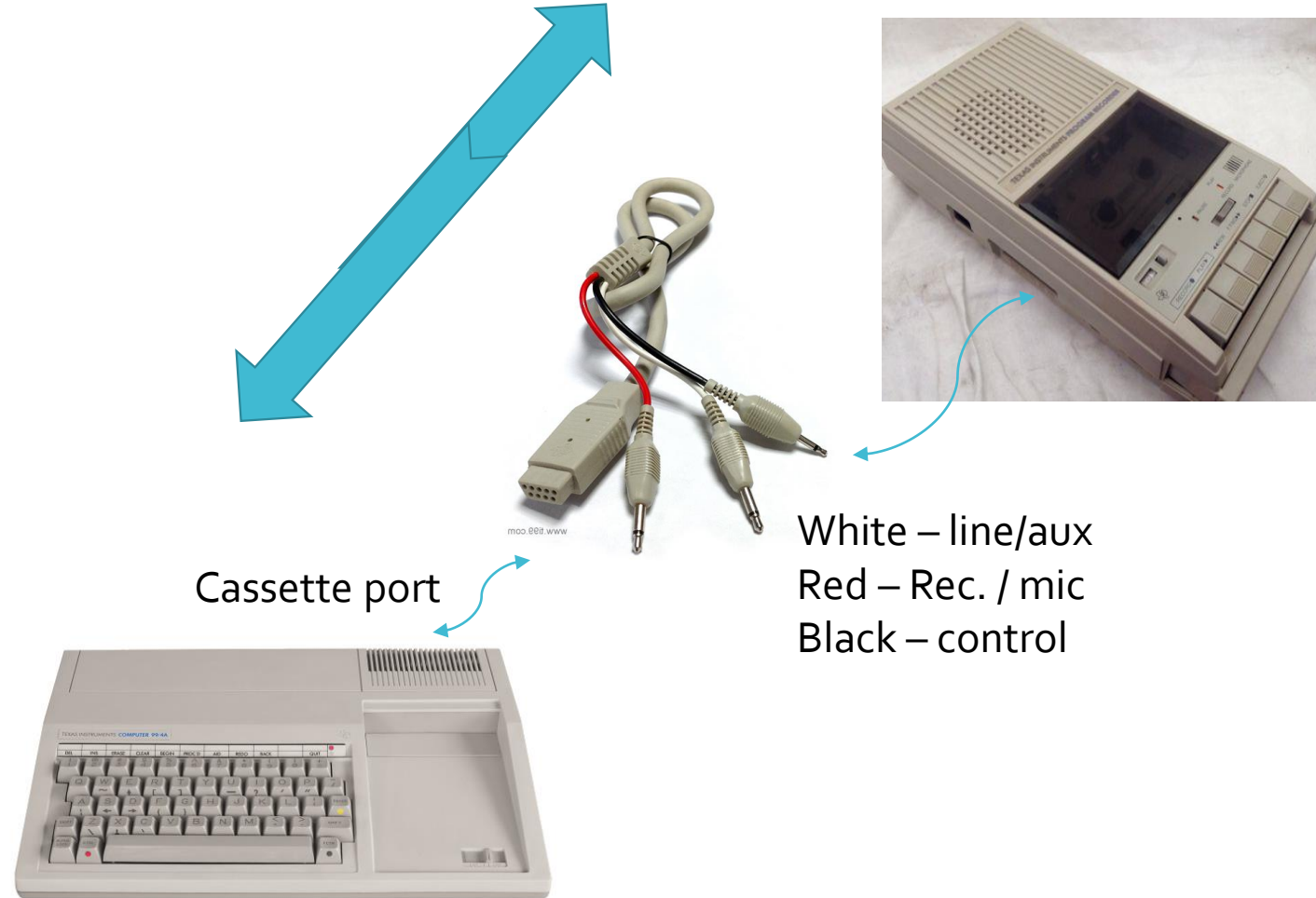- Load .wav files stored on a PC or mobile phone
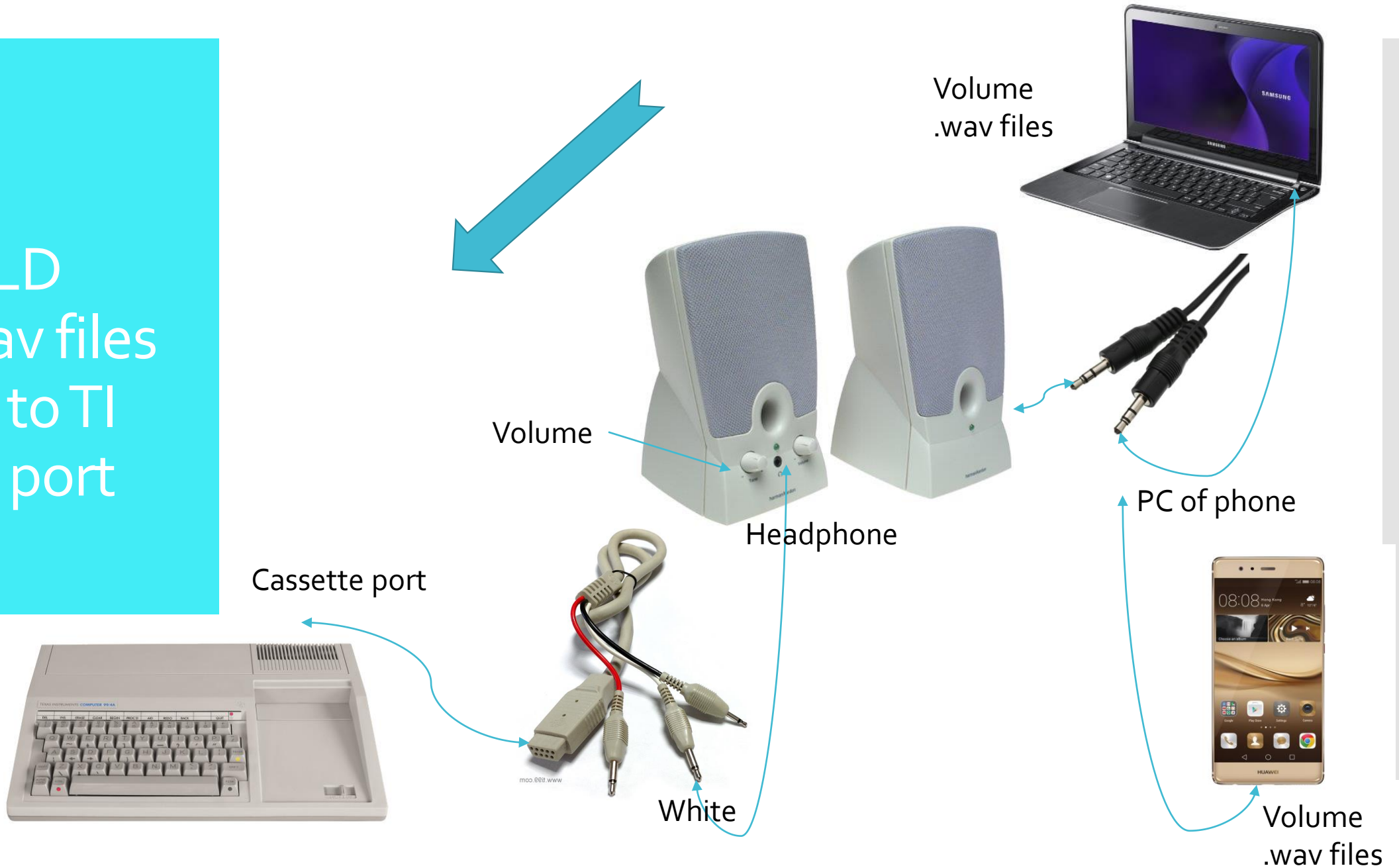
2 December 2018

By: Ronald van Kleunen

Hardware setup

- **Hardware setup**
- TI-99/4A with 32k memory (built-in or external)
- Both **load and save**
  - TI-99 Cassette cable
  - TI Tape recorder or similar data recorder
- Only **load** from PC or mobile phone (.wav files)
  - TI-99 Cassette cable
  - PC speaker with audio output (headphone) and volume button
  - (or something similar to adjust the volume) connected to the headphone output of the PC or mobile phone
- Only **save** (.wav) format to a PC
  - Any tape deck with audio output (line/aux/headphone)
  - Connect directly to the line-input of the soundcard on the PC
  - Or use a USB-dongle as audio adapter (line input)
  - Use converter software (e.g. Roxio Media converter)

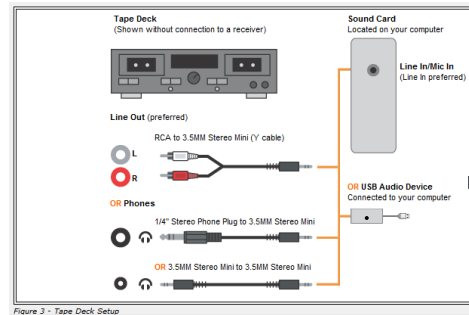TI-99/4a setup with TI tape recorder (OLD CS1 and SAVE CS1)

Cassette port

White – line/aux
Red – Rec. / mic
Black – control

Load (OLD CS1) .wav files from PC to TI cassette port directly

Volume .wav files

Volume

Headphone

PC of phone

Cassette port

White

Volume .wav files

Save audio files from (any) tape recorder to a PC into .wav format (or others like .mp3)

Roxio Media creator home.
Convert LP/Tapes

USB

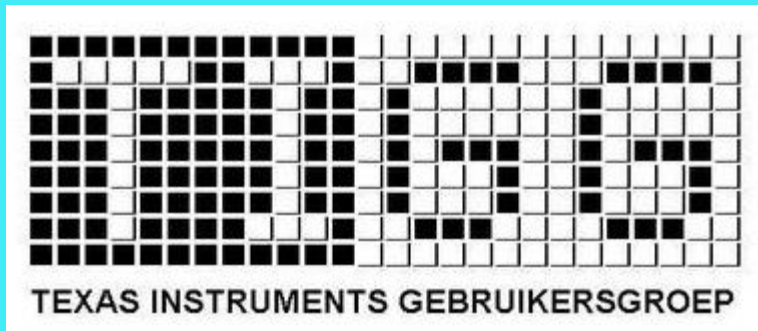Zolid adapter

White (aux/line) headset

Software

- **1200 Baud Tape converter / loader – Tonny Brouwer (The Netherlands)**
  - To load the files only a TI-99/4A + 32k + cass. cable + tape recorder
  - Requires a Tape loader (loads with normal sound), then other files are loaded at 1200 baud (higher pitch)
  - To save Assembler files to Cassette requires also a diskdrive to convert the
  - files

- **Tape-IT – Game loader - (Col Christensen (Australia)**
  - Loads assembler games at normal sound (including multiple files)
  - (not sure how to create these files in .wav or put them on cassette)

- **Funnelweb – Casswav loader – Will McGovern (Australia)**
  - Loads assembler games at normal sound (including multiple files)
  - in between you need the restart the next file if needed.
  - (not sure how to create these files in .wav or put them on cassette)

Youtube Video files

on TI99 Videos Channel

- **1200 Baud Tape converter / loader – Tonny Brouwer (The Netherlands)**
  - Loading: done using an existing file on cassette tape ("Moon Patrol")
    - https://youtu.be/-_s3m-H7kDY
  - Saving: Saved "Roadhunt / Roadhunu / Roadhunv" files
    - https://youtu.be/922OYzT9rks

- **Tape-IT – Game loader - (Col Christensen (Australia)**
  - Loading: done using the already existing cassette tapes with the assembler programs on it
    - https://youtu.be/UNF29zyXyEI

- **Funnelweb – Casswav loader – Will McGovern (Australia)**
  - Loading: done via the PC and .wav files
    - Single file: https://youtu.be/xnGh5Ix1a9U
    - Multiple files: https://youtu.be/pJ6_xxNOTx0

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