



**The
Bit Fiddlers**
Computer Products
For Work and Play

The **GOLDFISH** (actually, they're neon tetras) program tape is designed to run with either Astrovision Basic, Bally Basic, or the Machine Language Manager. It is the same program for all three formats, written in machine language. Since none of the three tape formats are completely compatible, you'll have to choose the proper side of the cassette to load from. See the instructions below. In all cases, the program starts automatically.

ASTROVISION BASIC

The Astrovision Basic format is on side 'A' of the cassette. To load the program, type in `:INPUT`, or `:RUN`, and `GO`. Then start the recorder with the level set at about 9 on a scale of 10. It should take about 20 seconds.

BALLY BASIC

The Bally Basic version (300 Baud) immediately follows the Astrovision Basic version on the same side. You can listen for the pause between versions to cue the tape.

Once the start has been found, type in `:RUN`, and `GO`. Your recorder should be set at about 4-1/2. The program will be seen loading in at the top of the screen.

When this part is done, it will put up the opening screen while loading the rest of the program. All in all, it takes about 50 seconds to load.

MACHINE LANGUAGE MANAGER

The MLM 300 Baud version is on side 'B' of the cassette. The command for loading tapes is *READ. It's not necessary to change the screen size or any of the other screen specs, since the tape does it for you. This version is in two parts, the first being a faster loader for the second. It all happens automatically, and takes about a minute and 20 seconds from the time it starts.

RUNNING THE PROGRAM

This is the easy part. To run the program, wait till you get the instruction "ENTER THE TIME" on the screen. Turn off your tape recorder, and remove any keypad overlays from the Arcade.

You can set the time using either the keypad or Joystick #1. To enter a single digit hour or minute, follow the entry with '='. If you make a mistake on the hours, go ahead and set the minutes to something. Anything. The program will say "HIT % FOR CHANGES, = KEY TO GO ON". If you want to change the time, hit the 'Z' key (upper right corner of the keypad). Hitting the '=' key will start the main part of the program.

Have fun!

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