

REV	REVISIONS DESCRIPTION	DATE	APPROVED
1A	Engineering Release		

ENGINEERING RELEASED

ENGINEERING SPECIFICATION

7800 KEYBOARD ACCESSORY


Project No. E0012

1. INTRODUCTION

This specification contains a description of the form, fit, and function attributes thought to be desirable and readily achievable for the keyboard accessory to the 7800 video game product.

The Engineering Project Manager will have full authority to design the product to meet the needs of the market place as known to Engineering.

This document contains Atari private data, and is for use only within the Atari technical community.

		DRAWN BY	DATE	Atari			
	780			San Jose, CA			
NEXT ASSY	USED ON	CHECKED		 <small>© A Warner Communications Company</small>			
NOTICE TO ALL PERSONS RECEIVING THIS DRAWING CONFIDENTIAL: Reproduction Forbidden without the specific written permission of Atari Inc., Sunnyvale, California. This drawing is only conditionally issued, and neither receipt nor possession thereof confers or transfers any right in, or license to use, the subject matter of the drawing or any design or technical information shown thereon, nor any right to reproduce this drawing or any part thereof, except for manufacture by vendor for Atari Incorporated and for manufacture under the corporation's written license, no right to reproduce this drawing is granted or the subject matter thereof unless by written agreement with or written permission from the corporation.				ENGINEER <i>6/28/84</i> <i>[Signature]</i>			
				APPROVED <i>6/28/84</i> <i>[Signature]</i>		TITLE 7800 Keyboard, Product Specification	
				APPROVED	SIZE A	DRAWING NO. C024673-221	REV 1A
			SCALE	SHEET 1 OF 3			

2. GENERAL DESCRIPTION

The keyboard accessory is to be designated: 7800 Pro System Computer Keyboard (for Marketing purposes) Atari Model Number 780.

It will have full-stroke keys and control keys arranged identically to those on the 600XL/800XL computer keyboards.

Styling and coloring will match or complement those of the basic 7800 Pro System.

Connection to the 7800 unit will be via a cable that engages the controller port of the 7800 with a 9-pin connector.

Electronic circuitry will be located within the keyboard assembly to convert key closures to meaningful information for the 7800 circuits.

The keyboard circuits will be designed not to compromise the ESD susceptibility and RFI immunity of the keyboard-7800 system.

Power for the keyboard circuits will be supplied by the basic 7800 power adapter; the voltage regulation capability of this regulator will not be compromised by the additional power demand. Maximum current draw will be _____ ma.

Connection means for cassette program recorder will be provided at the keyboard module via one input and one output jack.

Connection means for the Atari SIO buss also will be available at the keyboard module via one 13-pin connector.



Atari, Inc.
30 E. Plumaria Drive
San Jose, CA 95134

Ⓜ A Warner Communications Company

SIZE

A

DRAWING NO.

C024673-221

REV

1A

SCALE

SHEET 2 OF 3

3. PERFORMANCE REQUIREMENTS

The keyboard assembly will permit a wide variety of computer-type programs to be run with the 7800 basic unit.

These programs will reside in ROM cartridges, cassette tapes, or diskettes. A ROM cartridge containing an application program is also required at all times.

Program loading commands and operational procedures will be similar to those used with the Atari XL computer line.

Programs for the 7800 keyboard system will be unique for that system and will not be workable with past or present VCS systems.

Program software (firmware) will become available for games, educational purposes, and entry-level computer applications.

4. TECHNICAL SPECIFICATIONS

Atari keyboard specifications will be met per C025485-001.

Atari environmental stress standards will be met per C061616, Rev.B.

Atari workmanship, quality control, and design standards also will be met.

The schematic is Dwg. No. C025479.

The Product Assembly is contained on Dwg. No. CA025489-XXX.

All parts will be qualified by Atari Engineering.

The test procedure is contained in Dwg. No. C024673-222.



Atari, Inc.
30 E. Plumeria Drive
San Jose, CA 95134

 A Warner Communications Company

SIZE A	DRAWING NO. C024673-221	REV 1A
SCALE	SHEET 3 OF 3	