

YPDR601 CUSTOM ROM **YPDR-CRK** Specifications

Thank you for purchasing a Yamaha YDPR-CRK Custom ROM chip for your YPDR601/RC601 Professional Disc Recorder. This chip offers a combination of preroll, fixed track length, and permanent peak hold time. This specification sheet describes briefly the Custom ROM chip's characteristics. For a more detailed explanation of the preroll, fixed track length, and peak hold time, please refer to the instruction manual that accompanied your YPDR601/RC601.

Specification	Standard	Custom A	Custom C	Custom J
Version	1.41	1.41 A	1.41 C	1.41 J
Preroll time	2 sec.	0 sec.	0 sec.	2 sec.
Fixed track length	10/30 sec.	10/30 sec.	60/30 sec.	60/30 sec.
Peak hold time	1 sec.	Infinity	Infinity	Infinity

1. Preroll Time

Preroll time is the time during which $Ix=00$ is recorded. The Custom J specification ROM, like the standard specification, requires two seconds after the start of recording on each track. The Custom A and C specification chips, does not require two seconds except for the track number 01.

2. Fixed Track Length (FTL) Time

FTL time is the amount of time set for each track in TOC-Pre mode. Discs which have been set to an FTL time of 10 or 30 seconds can have up to 99 tracks. Discs with an FTL time of 60 seconds can have only 63 tracks.

When a 60 seconds FTL time is required by using a Custom C or J specification chip, the RC601 Controller's TOC switch should be set to "10S".

NOTE: TOC prewritten discs can only be used with the ROM chips of the same specification. They cannot be used with other ROM chips. For example, discs prewritten by a recorder with the standard-spec ROM chip can only be used by recorders with the standard chip. They cannot be used by recorders with any of the custom chips. Likewise, discs prewritten by recorders with the Custom A ROM can not be used by standard-spec recorders or those with the Custom C or J chips.

3. Peak Hold Time

The standard-spec ROM chip has a level meter peak hold time of 1 second. All of the custom chips have a peak hold value of infinity. However, the peak hold is reset whenever the LINE key is turned on and then off again. It is also reset whenever the recording is started.

4. ROM Version Display

Each ROM specification displays a different error code including ROM version whenever the PLL lock is lost.

Specification	Standard	Custom A	Custom C	Custom J
Error code	01	A1	C1	J1