

# CEA Bulletin

Recommended Practice For Camcorder  
Specifications

CEA-CEB3

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(Formulated under the cognizance of the CEA R4 Video Systems Committee.)

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**CEA-CEB3 RECOMMENDED PRACTICE FOR CAMCORDER  
SPECIFICATIONS**

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## RECOMMENDED PRACTICE FOR CAMCORDER SPECIFICATIONS

### 1. Overview

The Consumer Electronics Manufacturers Association (CEMA) was requested by its members to develop a Recommended Practice for the presentation of technical information for Camcorders and recording Video Cameras. The R-4.2 subcommittee found that in current practice most manufacturers include a "Specification page" in the product's Owner's Manual. But the specific information given on this page varies widely from manufacturer or brand. Information is often insufficient, overcomplicated and sometimes obsolete.

The purpose of this recommended practice is to include essential information for the Camcorder user and to standardize the format for the presentation of the information. Specification information should be included in product's Owner's manuals, Users Guides or Instruction manuals that are packed in with the product when it is sold. Specification information may also be included in product brochures and other advertising literature.

Manufacturers should list guidelines for battery run time and provide an explanation of how the run time was measured. Note continuous versus average run times should be explained.

Suggestions for additions and modifications should be made to CEMA R4.2 subcommittee.

### 2. Camcorder Specification page

The following list includes specification items that will be useful for the camcorder owner. Examples are shown for how each specification item might be presented.

ITEM	EXAMPLES and NOTES
1/ Recording format	VHS Standard
2/ Video system	N.T.S.C. ( 525 lines/60 Hz )
3/ Video head configuration	4 heads on 42mm drum with F/E head.
4/ Audio Recording System	Longitudinal analog . Mono * Note 1.
5/ Tape speeds	SP( 33.35 mm/sec) and EP( 11.12 mm/sec )
6/ Image sensor	CCD. 250000 pixels, effective. ( EIS off ).
7/ Lens	F 1.4 52 deg wide to 7 deg tele. 10:1 zoom * Note 2
7a/ Lens filter diameter	37mm
8/ Digital image magnification	x2 and x10 switchable