Duplication Verifier (BR-7020U(P) Accessory)

SA-K725U
The SA-K725U can be combined with a JVC VCR BR-7020U(P) to build an automatic offline QC system

(Not available in the US)

- **Automation of inspection of duplicated tapes**
  Inspection of duplicated tapes, which was previously performed visually, is automated to save labor in the QC process
- **Consistent evaluation standard**
  The automatic inspection and evaluation standard can be made consistent by using the inspection standard and procedure stored in non-volatile memory.
- **Customizable inspection standard and procedure**
  The inspection standard and procedure can be changed or set to suit the video software or meet the needs of the customer.
- **Customizable inspection procedure**
  The inspection procedure can be stored in non-volatile memory and customized to suit the video software or meet the needs of the customer.
- **Evaluation result report**
  The information required for productivity management and periodic maintenance is reported.
- **Status monitor**
  The operation time, mode, and warning state of the duplication VCR connected to the system can be monitored. The ID code recorded on the tape being played by the duplication VCR can be read.

Note: The functions and features of the automatic QC system containing the SA-K725U depend on the software and system configuration. Ask your dealer for details.

- **INSPECTION ITEMS**
  - **This section introduces all the items that can be inspected when test signals for quality control are recorded on tapes by the slave VCR. Unnecessary inspection items can be omitted.**
  - **Recommended test signals**
    Video signal: Signal containing low-frequency chroma, such as color bars
    Audio signal: 1-kHz single frequency from audio signal generator
  - **As well as the inspection items, the information required for productivity management and periodic maintenance is provided.**

Inspection item	Evaluation standard
Video RF level	By the specified level
Low-frequency chroma	Low-frequency chroma presence
Playback video signal synchronization	Synchronization presence
Video dropout	By the specified level
Hi-Fi audio RF level	By the specified level
Hi-Fi audio level	By the specified level
Hi-Fi audio dropout	By the specified level
Normal audio level	By the specified level
Tracking shift	By the specified level

Monitor item	Remarks
ID of tape to be inspected	Slave VCR ID
VCR ID for quality control	
VCR status for quality control	Mode warning state
VCR operation time for quality control	

GENERAL

Power requirements:	12 V DC
Power consumption:	1.3 W
Dimensions:	150 (W) × 5.2 (H) × 23.7 (D) mm
	(5-15/16" × 1/4" × 15/16")
Weight:	1.4 kg (3.1 lbs.) (net)
	1.8 kg (4.0 lbs.) (with the box)
Permissible operating temperature:	5° to 40°C
Permissible operating humidity:	30 to 80% RH
Permissible storage temperature:	–20° to 60°C

VIDEO SIGNAL SYSTEM

Signal input:	0.5 to 2.0 Vp-p, 75 ohms, unbalanced BNC

AUDIO SIGNAL SYSTEM

Signal input:	–6 dBs, 60 kohms, unbalanced RCA

SERIAL SIGNAL SYSTEM

RS-232C (excluding connectors):	RCA

All model numbers, specifications and prices are subject to change without notice.

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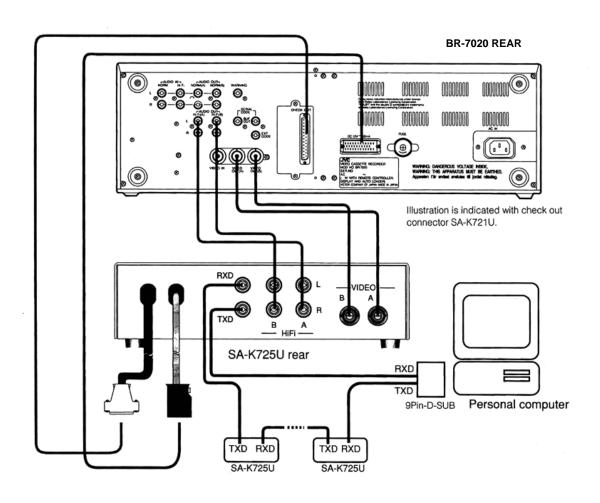
Automatic Offline QC System Configuration

This system provides compatible playback verification required for quality control of duplicated tapes.

PRODUCTS REQUIRED FOR SYSTEM CONFIGURATION (Per BR-7020U(P))

	Model name	Quantity	Remarks
1	BR-7020U(P)	1	
2	SA-K725U	1	Evaluation equipment
3	SA-K721U	1	Automatic QC system board
4	Personal computer with a display	1	
5	Software reguirement	1	Windows 95 or later
6	BNC-BNC	2	For video signal output
7	RCA-RCA (stereo)	2	For Hi-Fi audio output
8	9PIN-RCA x2	1	For RS-232C

* The customer should obtain items 4, 6, 7, and 8.
* Ask your dealer for details of software.

SYSTEM CONFIGURATION AND CONNECTION

BR-7020 REAR

Illustration is indicated with check out connector SA-K721U.

SA-K725U rear

9Pin-D-SUB Personal computer

SA-K725U

SA-K725U

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