



EK 3041 U Dimensions

EK 3041 True Diversity Radio-Microphone Receiver

The EK 3041-U is a miniature true diversity radio-microphone receiver designed for use with the new digital ENG camcorders. It can be inserted into the slot-in facility of the Philips LDK 120, Ikegami HL-V73/77 or Sony SX camcorders without any additional connecting cables being required. 32 switchable UHF receiving frequencies ensure flexible operation.

Features—Benefits

- Weather-proof and rugged housing
- 32 switchable UHF receiving frequencies, PLL-controlled
- Excellent operational reliability
- Powered via camcorder or battery adapter
- Indication of transmitter battery status

Technical Data

Receiving frequencies	max. 32, switchable
Frequency range	450–960 MHz
Switching bandwidth	24 MHz
Modulation	wideband FM
Nominal/peak deviation	± 40 kHz/± 56 kHz
Sensitivity	< 2 µV
Noise reduction system	“HiDyn plus”
AF frequency response	50–20,000 Hz
AF output max.	+9 dBu, balanced
Max. signal-to-noise ratio	114 dB(A)
THD	< 0.5 %
Connection	via adapter
Power supply	10.5–18 V DC/32 mA, (via camcorder or GA 3041-B) 1.8–4.5 V DC/150 mA 5–9 V DC/70 mA
Dimensions in inches	4.72 x 2.91 x 1.1
Weight	approx. 7.1 oz
In compliance with	ETS 300 422

Optional Accessories

15-pin sub-D adapter for Sony SX	GA 3041-15
25-pin sub-D adapter for Ikegami HL-V73/77	GA 3041-25
44-pin sub-D adapter for Philips LDK 120 GA 3041-C Slot-in housing (4-pin Hirose and 3-pin XLR)	GA 3041-44
Battery adapter	GA 3041-B
Battery box for 2 AA size cells	B 50
Battery box for 3 AA size cells	B 250
Battery pack, 2 AA NiCd cells	BA 50
Battery pack, 3 AA NiCd cells	BA 250
DC supply cable (20 cm) with Hirose connectors	
Battery adapter	GA 3041-B
Slot in housing	GA 3041-C
Replacement antenna	S 76279

Standard UHF Frequency Ranges

- 506–530 MHz
- 584–608 MHz
- 674–698 MHz
- 722–746 MHz

System Application Examples for the EK 3041-U Receiver

