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ECLAIR A C L SINGLE SYSTEM

Throughout the world the Eclair ACL is considered to be an outstanding camera. There is now a further feature to enhance its versatility, the possibility to shoot Single System sound on magnetic striped film.

Soremec-Cehess Department ECLAIR INTERNATIONAL is proud to announce that ACL cameras can soon be supplied with a unique electronically controlled sound recording system of remarkable quality.

The ECLAIR A C L Single System - Compact version

It comprises:

- a) ACL camera body (preferable with exposure indicator)
- b) Multi service motor MIVAR with mirror stop in viewing position.
- c) camera base with the electronics for clapper and eventually the exposure indicator.
- d) New base module housing the Single System electronics.

The 200 and 400ft magazines have maintained their instant locking features as well as their easy loading. The elements for single system operation are of modular construction:

- a) a fixed upper platine
- b) an interchangeable lower platine easily removable for cleaning
- c) plug in interchangeable record and play back heads with automatic electrical connections
- d) Connecting cable between magazine and Single System base module.

If sound recording is done by a second person, a separate external amplifier is used. It is connected to the magazine by a 10m(30ft⁹) cable. This selfcontained amplifier houses the electronics, the displays(Vu meter, batterie control) control knobs and switches, connecting plugs and the battery compartment.

Existing ACL. can be transformed for Single system by mounting the camera on the new camera base and the Single system base module.

Use of existing ACL

All existing ACL cameras can of course be updated for Single System sound recording:

- ACL with thin base (MIN 132E) and single speed motor(MIALA)
- ACL with thick bases (MIN 150E or MIN 152E) with or without exposure indicator, fitted with MIALA,MIMUL or MIVAR motors.

In addition, the use of 200 or 400ft magazine, type SISYS, and the external amplifier are mandatory. The external amplifier is directly connected with the magazine.

DESCRIPTION OF THE ITEMS SHOWN ON THE DRAWINGS

- 1 Camera body with exposure indicator and Multi service motor MIVAR
- 2 Camera body with single speed motor MIALA
- 3 Camera body with MIALA, MIMUL or MIVAR motor, with or without exposure indicator.
- 4 Viewfinder
- 5 Lens
- 6 New camera base used in conjunction with the Single System base module
- 7 Thin base MIN 132E
- 8 Thick base MIN 150E or MIN 152E
- 9 Single System base module comprising:
 - plug for connecting cable "base module-magazine"
 - plug for low impedance mic input
 - knob for volume control of mic 1)
 - knob for volume control of mic 2) both mic inputs are mixable
 - plug for head phones output with automatic switchover (direct-recording)
 - knob for volume control of head phones
 - Automatic gain control (AGC) On/Off Switch
 - On/Off Switch for premagnetisation current
 - 3-Position Switch: Center position = exposure indicator in operation
side positions = modulation level control, visible in the viewfinder
- 10 - "Y" connector for 2 mics
- 11 - mic cables
- 12 - mic 1
- 13 - mic 2
- 14 - Head phones with cable
- 15 - 120m(400ft) magazine SISYS
- 16 - 60m(200ft) magazine SISYS
- 17 - Connecting cable "magazine-Single System base module"
- 18 - 12V battery
- 19 - Power supply cable
- 20 - Connecting cable "magazine-external amplifier"(length 10m/30ft)
- 21 - External amplifier with built in electronic circuitry, low frequency control
- 22 - Amplifier power supply (rechargeable or expendable cells)
- 23 - Vu Meter
- 24 - Switch for automatic (AGC) or manual gain control
- 25 - Indicator for "Power on" and supply voltage control
- 26 - On/Off Switch for the external amplifier
- 27 - Head phones volume control
- 28 - knob for input level control
- 29 - knob for volume control of mic 1)
- 30 - knob for volume control of mic 2) both mics and the line input are mixable
- 31 - Recharging plug for amplifier battery
- 32 - Line input plug (i.e. tape recorder, pick up, HF mic, radio etc)
- 33 - Plug for connecting cable "magazine-external amplifier"
- 34 - On/Off Switch for premagnetisation current
- 35 - Input for low impedance mic 1
- 36 - Input for low impedance mic 2
- 37 - Head phones output with automatic switchover (Direct-Recording)

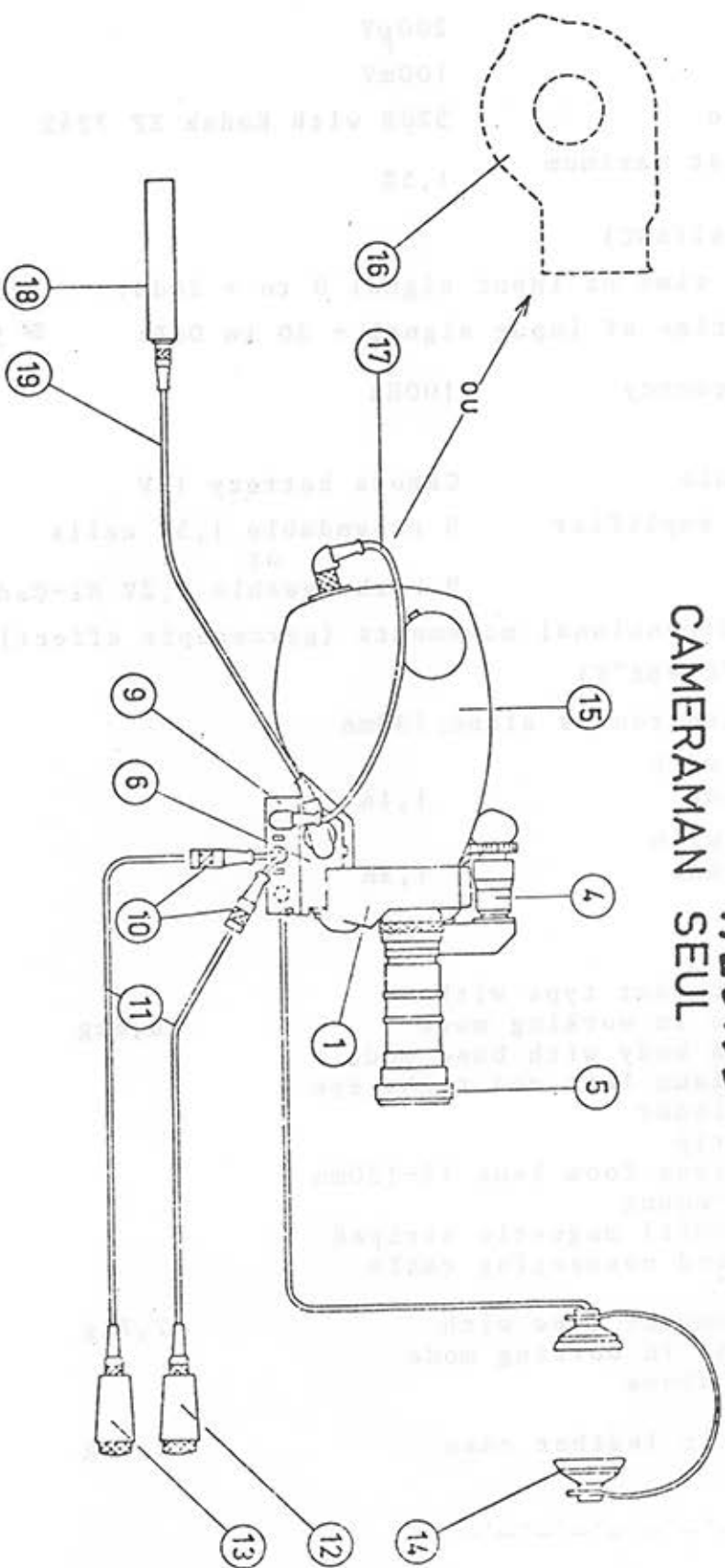
TECHNICAL SPECIFICATIONS

Frequency Response	60Hz to 8000Hz ± 3 dB
Wow and Flutter	0,25%(DIN 45507)
Mic Input Sensivity	200 μ V
Line Input Sensivity	100mV
Signal-to-Noise-Ratio	52dB with Kodak EF 7242
Harmonic Distortion at maximum Modulation level	1,5%
Automatic Gain Control(AGC)	
- Response time of input signal 0 to + 20dB:	10ms
- Retrace time of input signal + 20 to 0dB:	~ 5s
Premagnetisation Frequency	100Hz
Power Supply Voltage	
- Base module	Camera battery 12V
- External amplifier	9 expendable 1,5V cells or 9 rechargeable 1,2V Ni-Cad cells
Insensible to three dimensional movements (gyroscopic effect)	
Consumptions (at +20°C=+68°F)	
-Single System electronics alone:	130mA
-Complete outfit with 60m(200ft)magazine	1,1A
-Complete outfit with 120m(400ft)magazine	1,3A
Weights:	
ACL Camera SISYS compact type with 60m(200ft) magazine in working mode comprising:	6,6kg
- camera body with base module	
- Angenieux left and right eye viewfinder	
- handgrip	
- Angenieux Zoom lens 12-120mm in CA-mount	
- 60m(200ft) magnetic striped film and connecting cable	
ACL Camera SISYS compact type with 120m(400ft) magazine in working mode all other items as above	7,7kg
External amplifier in leather case	2,0kg

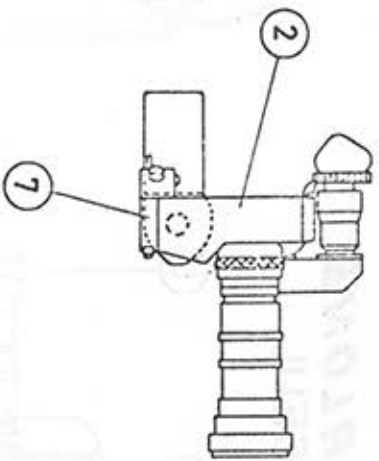
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CAMERA ACL - SINGLE SYSTEM - type COMPACT

ALONE
CAMERAMAN SEUL

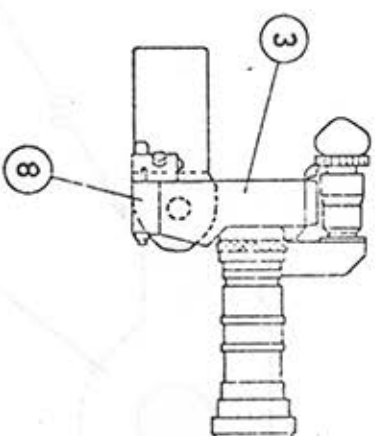


UTILISATION DES CAMERAS EXISTANTES USE OF EXISTING ACL

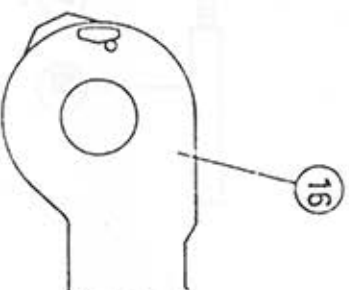


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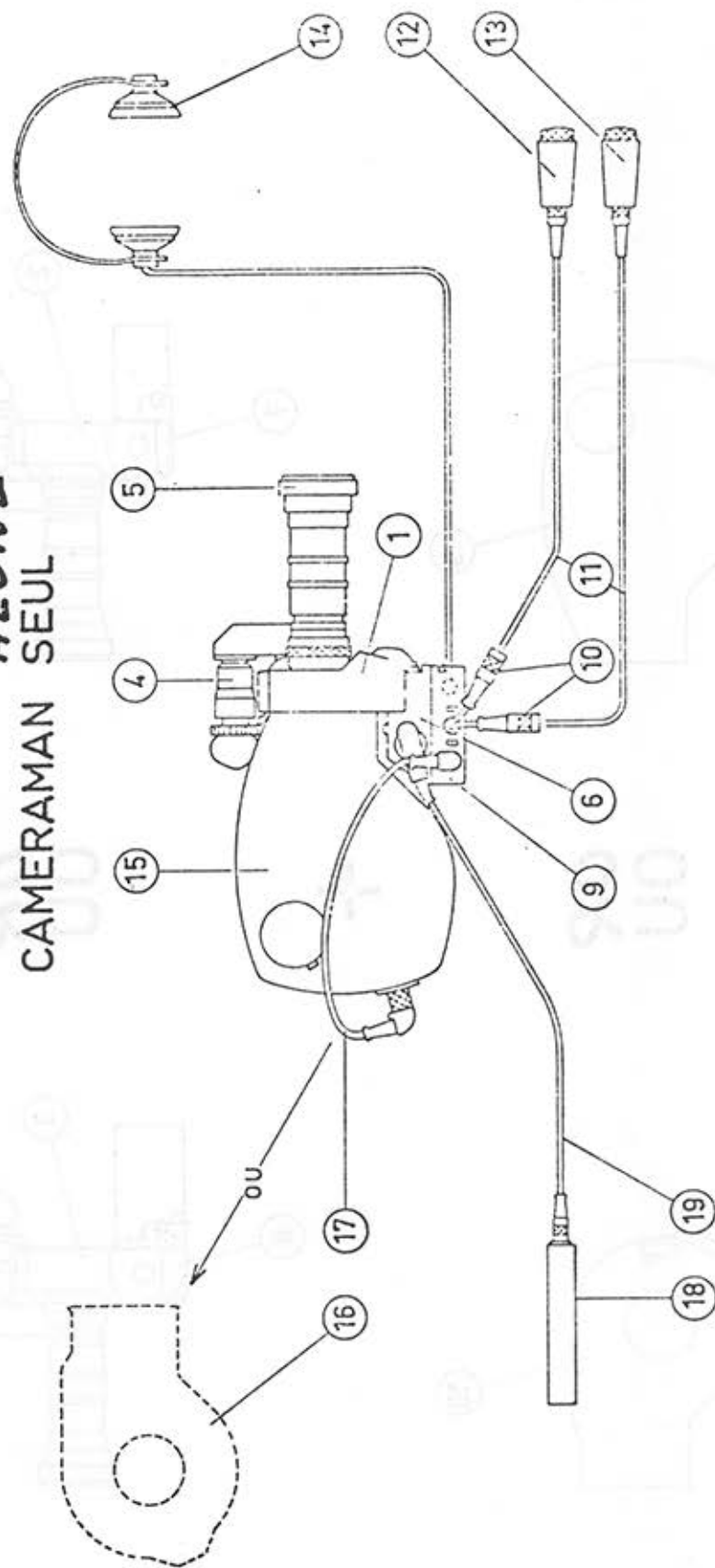


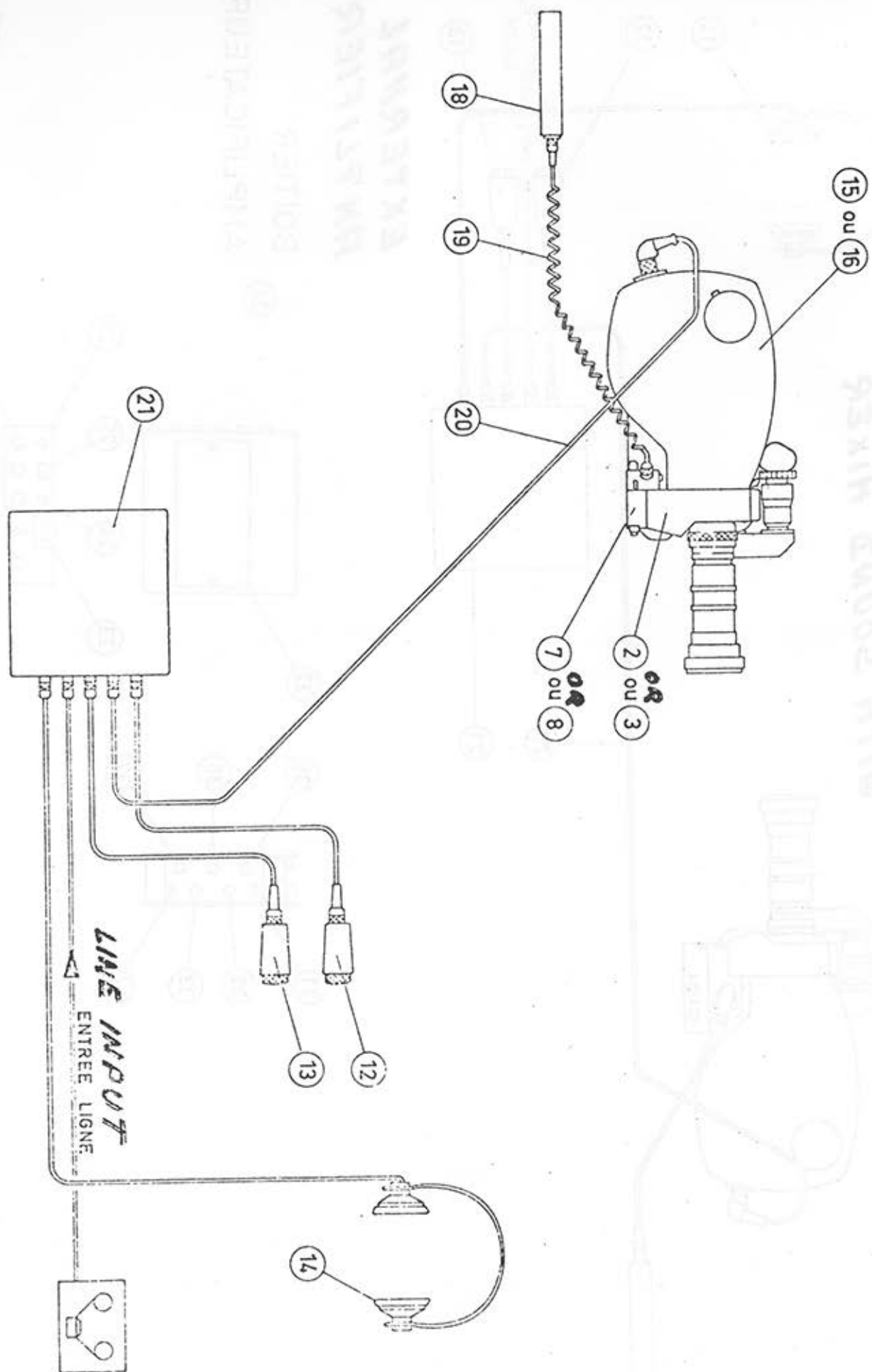
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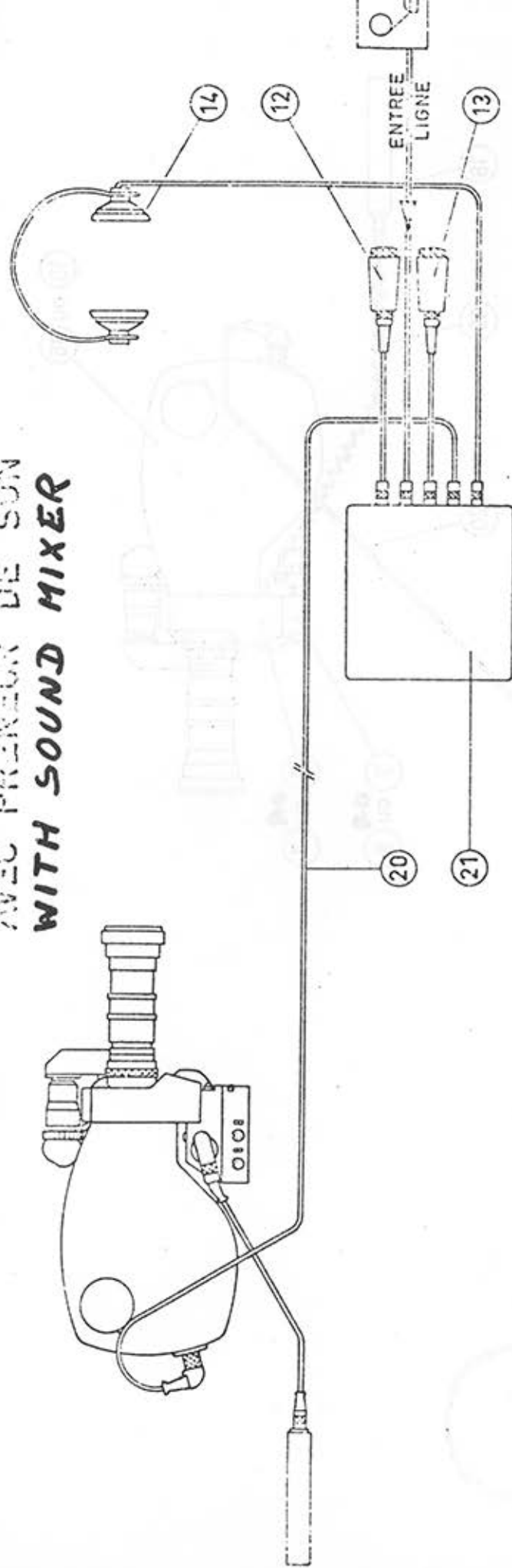
CAMERA ACL - SINGLE SYSTEM - type COMPACT

ALONE
CAMERAMAN SEUL





CAMERA ACL-SINGLE SYSTEM-type COMPACT
AVER PREVEUR DE SON
WITH SOUND MIXER



AMPLIFIER
EXTERNAL

BOITIER
AMPLIFICATEUR