STYPE

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VIRTUAL TRACKING
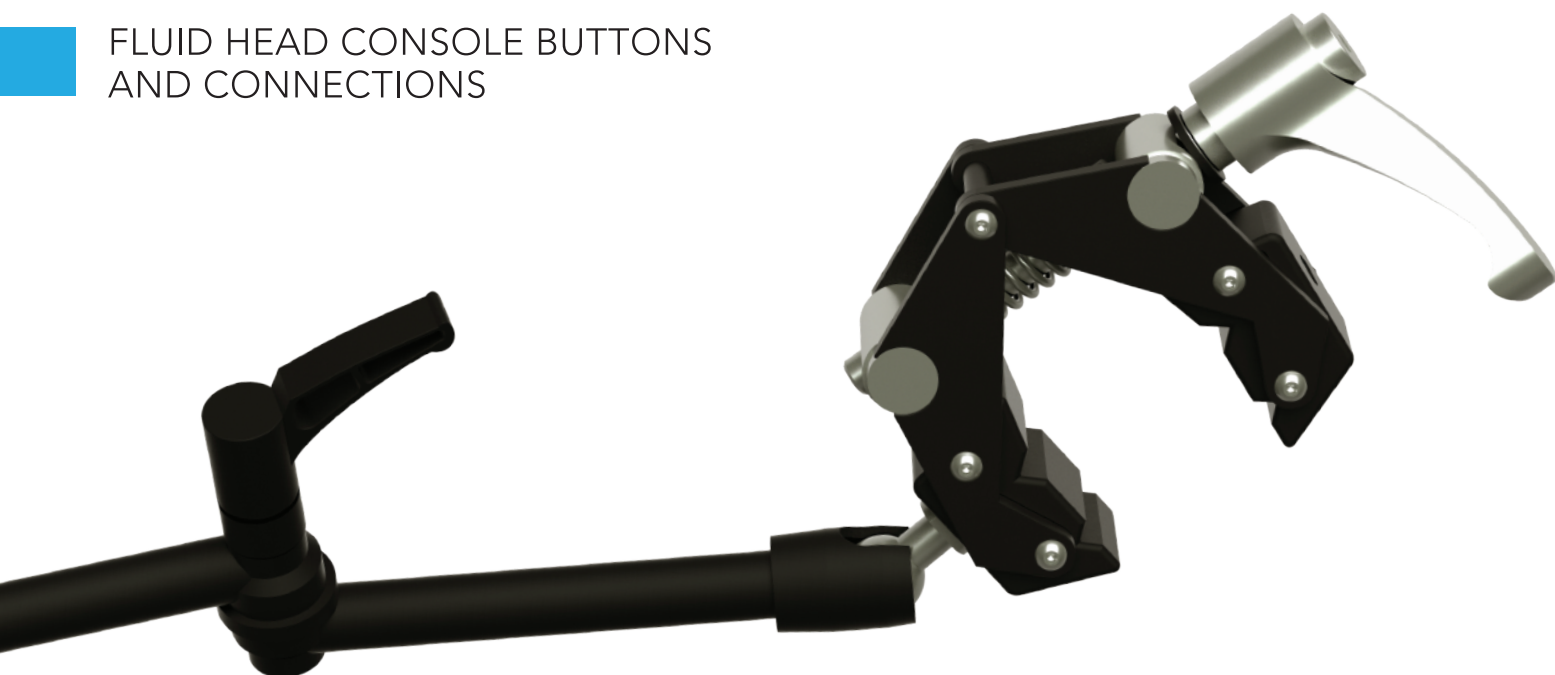## FLUID HEAD & CONSOLE

FOR VIRTUAL STUDIO AND AUGMENTED REALITY BROADCAST

Stype Fluid Head

<- MENU CANC ->

FLUID HEAD CONSOLE BUTTONS AND CONNECTIONS

1 POWER BUTTON	2 USB	3 LAN
Switching the console on and off	Mini USB for console - PC connection	Ethernet connection to render engine
4 PWR	5 HEAD	6 FOCUS
Power source via 2-pin LEMO connector	stYpe fluid head via 8-pin LEMO connector	stYpe external focus encoder via 4-pin LEMO connector
7 ZOOM	8 LENS	9 LTC
stYpe external zoom encoder via 4-pin LEMO connector	Serial/Analog* lens connection via 14-pin LEMO connector	Used to receive SMPTE timecode data via BNC connector
10 SYNC	11 CRANE, DOLLY and MISC	
Genlock signal via BNC connector (bi-level or tri-level)	Provide system expansion to multiple channels for use on crane, dolly and other	

NOTES:
* Normally we use either the stYpe external Zoom/Focus encoders or the internal Lens encoders via 20-pin connector (e.g. on Canon IRSE/IASE lenses or Fujinon lenses equipped with Virtual Connector)

A TRACKING SYSTEM THAT IS EASY TO SETUP AND WORKS EVERYWHERE. EVEN OUTDOORS.

SPECIFICATIONS

PAYLOAD	up to 44 kg
WEIGHT	8 kg
COUNTERBALANCE	0-31 steps
GRADES OF TILT DRAG	0-7
GRADES OF PAN DRAG	0-7
TILT RANGE	-75°/+90°
TRIPOD FITTING	150 mm

TECHNICAL SPECIFICATIONS TABLE

SERIAL PORT	RS-422, 38 400 kbps
PROTOCOLS	FREED, STYPE A5, STYPE HF
ETHERNET	UDP over IP
DATA OUTPUT	Genlock synchronized
BACKUP	Offsets are permanently stored in nonvolatile memory
ENCODER INPUT (8 CHANNELS)	Pan, Tilt, Zoom, Focus, Dolly
RECALIBRATION TIME AFTER POWER UP	No recalibration required, absolute sensors
DOLLY	Travel on tracks (rail)
TRACK MAX LENGTH	20 meters
CAMERA TILT ANGLE	-75/+90 degrees
CAMERA PAN ANGLE	360 degrees
ACCURACY (ANGLE)	+-0.0001 degrees

SUPPORTED LENSES

CANON DIGITAL CABLE

Ability to read the data from the virtual encoder. If no virtual encoder is installed it can read data over serial protocol.

Suitable for IASE, IRSE and Box lenses.

FUJINON DIGITAL CABLE

Ability to read the data from the virtual encoder. If no virtual encoder is installed it can read data over serial protocol.

Suitable for Portable and Box lenses equipped with Virtual Connector.

OTHER LENSES

stYpe external Zoom and Focus encoders can be easily mounted on lenses which do not have internal encoders.

Canon and Fujinon gears are shown here.

COMPATIBILE RENDER ENGINES

vizrt

ROSS
Production Technology Experts

AVID™

BRAINSTORM

rt
software

CHYRONHEGO

[VENTUZ]

WASP3D
#rtgfx4all

Zero Density

FRONTIER
THE FUTURE GROUP

unity

PIXOTOPE™

Aximmetry
VIRTUAL STUDIO ENGINE

PHOTON
by vyv

PARTNERS AND REFERENCES

BBC

ESPN

FOX
SPORTS

MTV
MUSIC TELEVISION

tv azteca

CBC

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