

NETMC MARINE

The Digital Video Specialists

videoAMP

Triple channel video signal conditioner and amplifier

Video distribution amplifiers are used for connecting multiple outputs to a single video source. In the case of the NETmc Marine videoAMP, it can handle 3 separate input signals - with each having 4 amplified and conditioned outputs.

With the popularity of TFT monitors in the modern ROV or diver control shack, few of these monitors have "looping inputs". This means each monitor has a permanent 75ohm termination. With two non-looping monitors connected together, the line would be double loaded and result in a dim picture on each monitor.

Using multiple text overlays and digital recording equipment will exacerbate this problem by weakening the sync signals - causing scrolling text and "wobbly" recordings.

Using the videoAMP will solve these problems by driving each monitor / overlay or recorder at 100% signal levels.



*Lightweight and Compact Aluminium
1U Enclosure*



Four amplified outputs per video input



Front panel bi-colour LEDs show channels with valid input signals.

***Ideal for pipeline or diver / roV applications where up to
3 cameras are being used.***

NETmc Marine Ltd

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- **System Sales & Rentals**
 - **Single or Multi Channel Systems**
 - **Professional Digital Video Acquisition**
 - **Rack Mounted or Portable**
 - **Data Hosting / Asset Management**
 - **MPEG Formats**
 - **Bespoke Design**

System Rentals

NETmc Marine offers a comprehensive Rental Service provided by staff with over 20 years experience in the offshore rental market.

- DVR Inspector MPEG 1/2
- DVR Peli Systems MPEG 1/2
- Multi Channel Pro Systems
- Network Attached Storage units
- Survey PCs
- Review Displays

Storage Capacities

Bit Rate(Mbps) Recording Time (Hrs)

MPEG 1

1	→	266
1.5	→	177
2	→	133
2.5	→	106

MPEG 2

3	→	88
4	→	66
6	→	44

Recording times are based on single channel storage capacity of 120Gb. 250Gb and 400Gb upgrades are available.

Why go Digital with NETmc Marine?

Increased Efficiency

Instant on-line access to hours of three-channel survey footage, with embedded, time correlated survey data.

Improved Reporting Quality

Simultaneous multi-PC and multi-discipline access to data via an office or vessel LAN.

Loss Less Reproduction

Issue video clips or complete survey footage by e-mail or internet and digital tape, CD or DVD without reproductive losses.

Embedded Data

Synchronise video channels to editable, traceable, embedded telemetry data.

Include Video

Cut + Paste video clips into electronic reports for instant clarity

Here to Stay

Long term data access security by publishing all deliverables in MPEG format. MPEG's use for DVD technology assures long term support of the format.

Continious Recording

No need to stop survey to change tapes.

Fit for purpose

Ruggedised 'best of breed' components design to meet the demands of off-shore survey.

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