



NEON DISTRIBUTION UNIT & POWER SUPPLY DATASHEET



The Neon Distribution unit is available in two versions:-

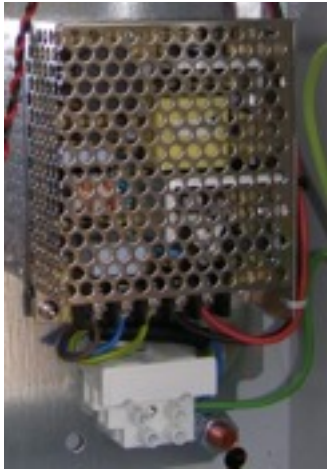
AVC - for audio/video and concierge systems. Full line isolation, all video distribution and call-back functions for concierge applications are combined into one neat unit.

Lite - for audio only systems. Full line isolation is provided for all functions including door open indication.

Distribution units serve 8 flats and multiple handsets can be fitted in a flat. The system can handle 255 distribution units (total 2040 flats) and multiple door panels can be used with any mixture of type i.e. digital, functional, etc.

Distribution Units can be supplied un-boxed, in a standard Fibox (pictured left) or lockable metal enclosure to suit any requirement. They can be incorporated into the same enclosure as the power supply (as shown above).

Simple system architecture means very easy installation for any complexity of specification. A minimum of 4 cores for audio from telephone to distributor. Video signal is by RG59 coax from camera/s to the Distribution unit/s and can be coax or twisted pair to the phone/s. Distribution units link together and on to door panels using a simple 8 core bus (minimum).



RELIABLE POWER

The heart of the Neon power supply and boxed exchange units is a 13.8Volt, 35 Watt (2.4 Amp) switch mode power supply. Due to the very low power demand of the Neon system this is all that is required for most systems. Larger supplies can of course be included if required. **Standby batteries** can be supplied if the specification demands.



TRADES TIME CLOCK

The Trades time clock incorporated has auto GMT/BST switching, integral battery reserve, 7 day programming with daily & weekly programs. 8 on/off periods per day and a manual override facility.



DISTRIBUTION UNITS & POWER SUPPLIES

POWER SUPPLIES	ORDER CODE
13.8V 2.4Amp SMPSU in Metal Lockable Box (200w x 300h x 150d)	NP3515
13.8V 2.4Amp SMPSU & Trades Clock in Metal Lockable Box (200w x 300h x 150d)	NP3515T
BOXED EXCHANGE UNITS	ORDER CODE
8 Way AVC Distribution Unit with 2.4A SMPSU & Trades Clock in Metal Lockable Box (300w x 400h x 150d) as picture overleaf)	BE082AVC
16 Way AVC Distribution Unit with 2.4A SMPSU & Trades Clock in Metal Lockable Box (300w x 400h x 150d) as picture overleaf)	BE162AVC
8 Way Lite Distribution Unit with 2.4A SMPSU & Trades Clock in Metal Lockable Box (300w x 400h x 150d)	BE082L
16 Way Lite Distribution Unit with 2.4A SMPSU & Trades Clock in Metal Lockable Box (300w x 400h x 150d)	BE162L
DISTRIBUTION UNITS	ORDER CODE
8 Way AVC Distribution Board - unboxed	ADB08AVC
8 Way Lite Distribution Board - unboxed	ADB08L
8 Way AVC Distribution Board - in Fibox Housing (190w x 240h x 110d)	NDU8SBAVC
8 Way Lite Distribution Board - in Fibox Housing (190w x 240h x 110d)	NDU8SBL
8 Way AVC Distribution Board - in Metal Lockable Housing (200w x 300h x 150d)	NDU8LBAVC
8 Way Lite Distribution Board - in Metal Lockable Housing (200w x 300h x 150d)	NDU8LBL
<i>Please note a 16 way (2x8) Distribution unit is available in a metal lockable box (300w x 400w x 150d)</i>	

Neon Secure Access Ltd is continuously developing its products and this data sheet was accurate at the date of production. However to ensure you have up to date information always check with us before relying 100% on the information herein.

REef: Distribution Data 2010 V1.0

Neon Secure Access Ltd - Nobody Does Door Entry Better than us

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