

# Strand Lighting

## CommuniquéPro™ Application Software

Optional software package to extend GeniusPro OS or Lightpalette OS operating software providing communications protocols to operate with other DMX consoles, remote controls, and central 'event' controllers.

CommuniquéPro extends the features of the installed operating software to provide:

- Up to 12 remote +10V analog inputs for external submasters or macro switching Interface for DMX IN (channel or dimmer modes) from a remote DMX controller Supermaster control for DMX IN
- Macros triggered by configurable MIDI input or RS-232 ASCII serial inputs RS-232/RS485 for remote ASCII control
- MIDI Show Control
- MIDI In/Thru/Out
- MIDI for tracking backup with a second identical console
- SMPTE Time Code

Cat. No.	Description
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67515	CommuniquéPro Application Software
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## Networker™ Application Software

Optional software package, which includes an Ethernet expansion card, to distribute remote VDU display signals and DMX dimmer/attribute signals when used with Strand SN100 Ethernet nodes (see also SN100 data sheet) as part of Strand's ShowNet™ lighting console network system.

At any point in the Ethernet distribution system, a Strand SN100 node may be inserted, for local connection to the signals produced by the lighting console. In this way, two video screens can be viewed remotely on VDUs connected to an SN100, and up to 2 DMX In/out lines can be connected. Future developments include the expansion of signals present through ShowNet including remote controls, and backup systems.

Networker software and SN100 Ethernet nodes are required when more than 1536 DMX channels are used. Up to 6 DMX lines are supported with GeniusPro or Lightpalette Operating software; a maximum of three available directly from the console, the remaining lines being accessed through the Ethernet network via SN100 nodes (2 DMX lines each). An additional feature is DMX address mapping which allows a user-selectable range of sequential DMX channel numbers to be directed to any DMX line.

Cat. No.	Description
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67519	Networker™ Application Software & Network Card*
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\* Note: This card must be installed by an authorised Strand Lighting service provider.

## Server™ Application Software

Server™ Application Software runs on a Windows™ PC and permits consoles and PCs running Strand Networker software to centrally store and distribute show files thus removing the need to transfer shows on floppy disk. Show file backups can be automated at the server rather than individual console backups to floppy disks. PCs running Networker can also access Server for off line editing.

Cat. No.	Description
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67521	Server™ Application Software
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## PRODUCT DATA

# CommuniquéPro™ Networker™ Server™

## Application software for 500 Series Consoles

- Optional application software products extending the functionality of Strand 500 Series Consoles using GeniusPro OS or Lightpalette OS operating system software
- **CommuniquéPro** provides communications protocols for 500 Series consoles to interface with other DMX consoles, remote controls, central events controllers, etc.
  - DMX can be input from other control sources
  - Allows analog inputs to trigger submasters and macros
  - RS232 interface for ASCII control and remote macros
  - MIDI facilities for remote control, tracking backup and remote macros
  - Fully compatible with MIDI Show Control (MSC)
- **Networker** is the software component of Strand's ShowNet networking system allowing wider distribution of DMX and video signals over Ethernet wiring
  - Ethernet expansion card included
  - Operates with SN100 and SN102 network nodes
  - Supports up to 99 nodes per system
- **Server** enables a PC to operate as a server for centralised management, backup and off-line editing of show files
  - Stores show files centrally from any 500 Series console or PC running Networker software
  - Automatic backup and archiving of show files on server PC
  - Show files can be shared by all users on a networked system

## Communique™ Pro Features

External submasters from +10V signal	12
Macro triggered from +10V signal	12
Macro triggered by configurable MIDI Input	1
Macro triggered by configurable RS232 Input	1
DMX 512 Input - channel mode	✓
DMX In channel master	✓
DMX 512 Input - dimmer mode	✓
DMX In dimmer master	✓
Full remote control from ASCII input via RS232/RS485	✓
ASCII remote 'cue X' go output via RS232/RS485	✓
MIDI channels	1 - 16
MIDI note on / note off for bumping submasters	✓
MIDI note on / note velocity for flash level	✓
MIDI Show Control (MSC) Go, Go Cue X, Load Cue X, Stop, Resume	✓
MIDI Show Control (MSC) User Macro Fire, Reset	✓
MIDI for Tracking Backup (all controls)	✓
MIDI for slaving desks together	✓
MIDI Control Change message for all controls	✓
MIDI configurable general purpose controllers	✓
Copy from DMX in	✓
SMPTE Time Code event list	✓
Programmable remote output from any cue to RS232/RS485	✓

## Networker™ Features

### Configuration

Nodes per system	99
Main 500 Series consoles or PCs per system	1
Backup 500 Series consoles or PCs per system	1
Parallel 500 Series consoles or PCs per system	
Main console is 520, 530, 550	1
Main console is 520i, 530i, 550i	3
DMX slots over system	4096

### Tracking Backup

Synchronise main to backup	✓
Track changes from main to backup	✓
Backup takes over show on failure of main	✓
Automatically switches networked connections from main to backup	✓
Main and/or backup can be PC or 500 Series console	✓

### Multi-Console

Multiple consoles or PCs can run same show	✓
Independent command lines, channel controls and screens	✓
Channel partitioning	✓

## Server™ Features

### File Server

Stores show files on a Windows PC from any 500 Series console or PC running Networker software	✓
Shares show files among all consoles and users	✓
Automatic backup of show files on PC	✓
Backup show files automatically stored on server PC	✓

### Multi-User Logins

Personal logins and passwords with access rights	✓
User preferences restored at login	✓
Assignable access rights to all users	✓

For more information on Strand products and World Wide facilities see our Web page

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## Associated Software

### Operating Software:

#### Lightpalette™

Alternative operating software providing similar functionality to GeniusPro/Preset' but optimised for command line/tracking style operation familiar to Lightpalette 90 users.

#### GeniusPro™

Alternative operating software providing 'Preset' style cue recording can be used in place of Lightpalette which is optimised for command line/tracking style operation..

### Application Software:

Application software is available to add optional functionality to GeniusPro or Lightpalette operating software at any time. All software packages are described in separate data sheets. Current application software includes:

#### Tracker™

Multi-attribute control of any DMX automated lights, scanners and scrollers using the additional wheels and tracker ball controls on the console.

#### Off-line Editor™

A program to prepare memories and system configurations on a remote PC.

#### Reporter™

Provides dimmer configuration and status feedback remotely at a 500 Series console.

#### ShowPort™

Converts Strand show files to and from ASCII or Comma Delimited format. (ShowPort is included with Off-line Editor software)

#### PC™

Allows DOS PCs to operate GeniusPro or Lightpalette with built in Networker for tracking back-up, designer's remote, multi-user, multi console, playback control, etc.

All Strand Software is secured by factory issued passwords

# Strand Lighting Ltd



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