

Strand Lighting

P R O D U C T D A T A

CommuniquéPro™ Application Software

Optional software package to extend GeniusPro or Lightpalette 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 analogue 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 output for remote ASCII control
- MIDI Show Control
- MIDI In/Thru/Out
- MIDI for tracking backup with a second identical console
- SMPTC Time Code

Cat. No. Description

67515	CommuniquéPro Application Software
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Networker™ Application Software

Optional software package to extend the capability of the Lightpalette or GeniusPro operating software to distribute remote VDU display signals and DMX dimmer/attribute signals when used with ShowNet Ethernet nodes (see also ShowNet Ethernet Node data sheet) as part of Strand's ShowNet™ lighting control network system.

GeniusPro consoles loaded with Networker will output Ethernet signals for distribution over Ethernet wiring. ShowNet nodes are used to provide an interface to distribute video signals to remote monitors or for conversion to DMX 512 to drive DMX devices such as dimmers, scrollers, automated lights, etc. Other Ethernet compatible devices including PCs and printers as well as additional GeniusPro consoles may be incorporated in any ShowNet installation to provide flexible but low cost distributed control.

Networker software and ShowNet Ethernet nodes are required when more than 2048 DMX channels are used. Up to 8 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 ShowNet 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

67519	Networker™ Application Software
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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

67521	Server™ Application Software
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<http://www.strandlight.com>

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S O F T W A R E

CommuniquéPro™ Networker™ Server™

Application software for GeniusPro Consoles

- Optional application software products extending the functionality of GeniusPro Consoles using GeniusPro or Lightpalette operating system software
- **CommuniquéPro** provides communications protocols for GeniusPro consoles to interface with other DMX consoles, remote controls, central events controllers, etc.
 - DMX can be input from other control sources
 - Allows analogue 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
 - Operates with SN100, SN102 and SN104 network nodes
 - Supports up to 99 nodes per system
 - Extends maximum of 2048 DMX channels to 4096
- **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 GeniusPro 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	✓

Server™ Features

File Server	
Stores show files on a Windows PC from any GeniusPro 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	✓

Networker™ Features**Configuration**

Nodes per system	99
Main GeniusPro consoles or PCs per system	1
Backup GeniusPro consoles or PCs per system	1
Parallel GeniusPro 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

Synchronize 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 GeniusPro console	✓

Multi-Console

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

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 GeniusPro 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



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