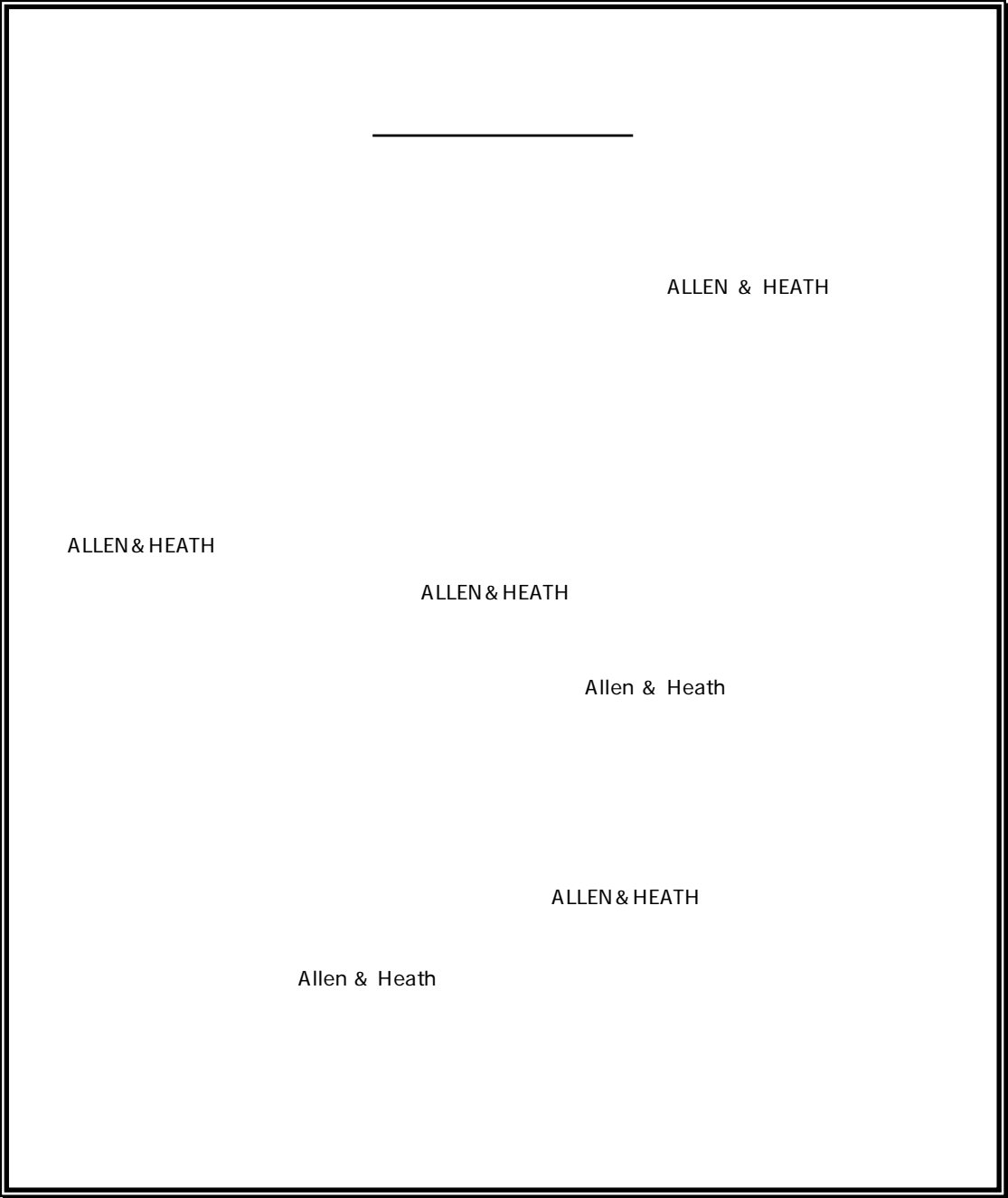


ALLEN & HEATH



ALLEN & HEATH V1.4
AP8561



-

GLD ()
V1.4

GLD Allen & Heath U Firmware Update() GLD

Allen & Heath **GLD**

Allen & Heath (EULA) Allen &
Heath EULA

GLD GLD **Allen & Heath** **GLD**

GLD 5 -35

GLD

Allen & Heath

Allen & Heath
Allen & Heath

GLD




AP8561

AP3345-
AP7287-
AP8513-




GLD-AR2412






CAT5 2
6.6'
AH8822

AP8596

AP3345-
AP7287-
AP8513-




GLD-AR84

CAT5 2
6.6'
AH8822

AP8720

AP3345-
AP7287-
AP8513-



<http://www.allen-heath.com/support/register-product/>

GLD
& Heath

2 CAT5
Allen & Heath



1) O 396
AH8721
ACETM

CAT5
dSNAKE



80 264 CAT5
AH7000
CAT5

Allen

LED

Part: LEDlampX
4 XLR
LED



GLD

GLD-80 AP8806
GLD-112 AP9263

ME
ME-1
ME-U 10 PoE
ME-1



	.....	3
	.....	4
GLD	.....	6
	.....	8
	.....	10
	.....	11
GLD	.....	12
GLD	.....	13
GLD		
GLD	LLGL	
GUD	XLê	i
	WD	
	X	
	P	
BLD	c n sí ...	
BWD		
BXD	<	
BP		
C		



GLD	8	4	10
4			
	/		



	32	28	22
24		4	

GLD-80 GLD-112 x1
 GLD-AR2412 x1
 dSNAKE



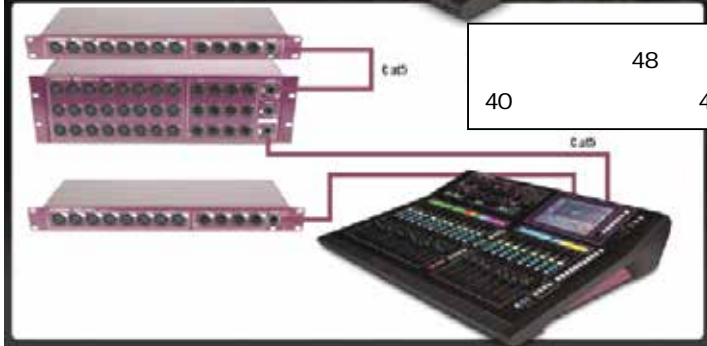
	16	12	14
8		4	

GLD-80 GLD-112 x1
 GLD-AR84 x1



	40	36	26
32		4	

GLD-80 GLD-112 x1
 GLD-AR2412 x1
 GLD-AR84 x1
 dSNAKE



	48	44	30
40		4	

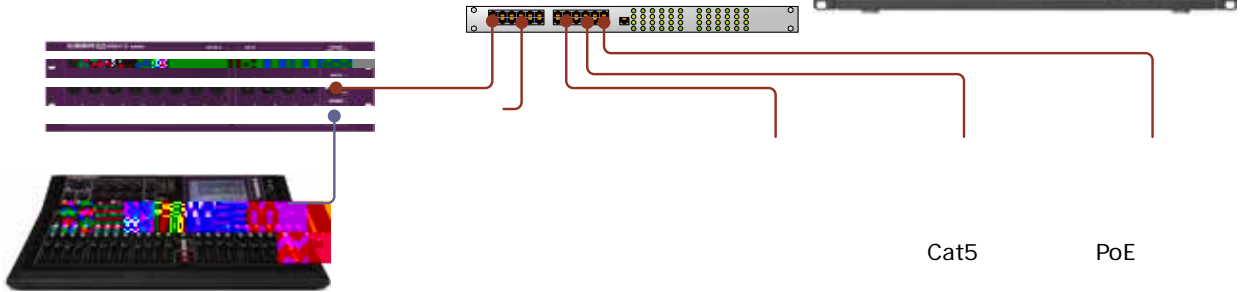
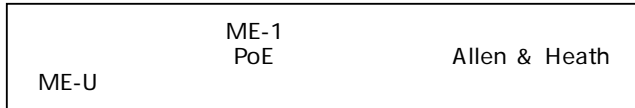
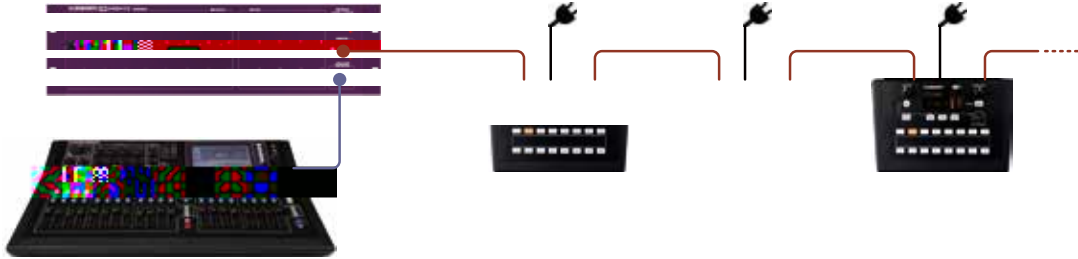
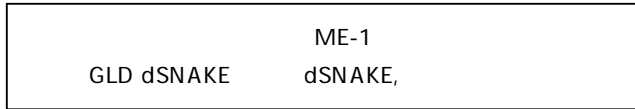
GLD-80 GLD-112 x1
 GLD-AR2412 x1
 GLD-AR84 x2
 dSNAKE

GLD

Allen & Heath ME

GLD

Allen & Heath



GLD Remote OneMix iPad

GLD

iPad

GLD Remote
GLD OneMix

GLD



GLD Allen & Heath
Allen & Heath GL

GLD

GLD 20 GLD-80 28 GLD-112 DSP
48 x 30 x 20 8 ' RackFX'
56 8 10
Allen & Heath
40
Allen & Heath dSNAKE Cat5 I/O (
/) GLD-AR2412 24 / 12
MONITOR Allen & Heath ME Aviom® GLDAR84
I/O 8 / 4 2 GLD-AR84
GLD-AR2412 GLD-80

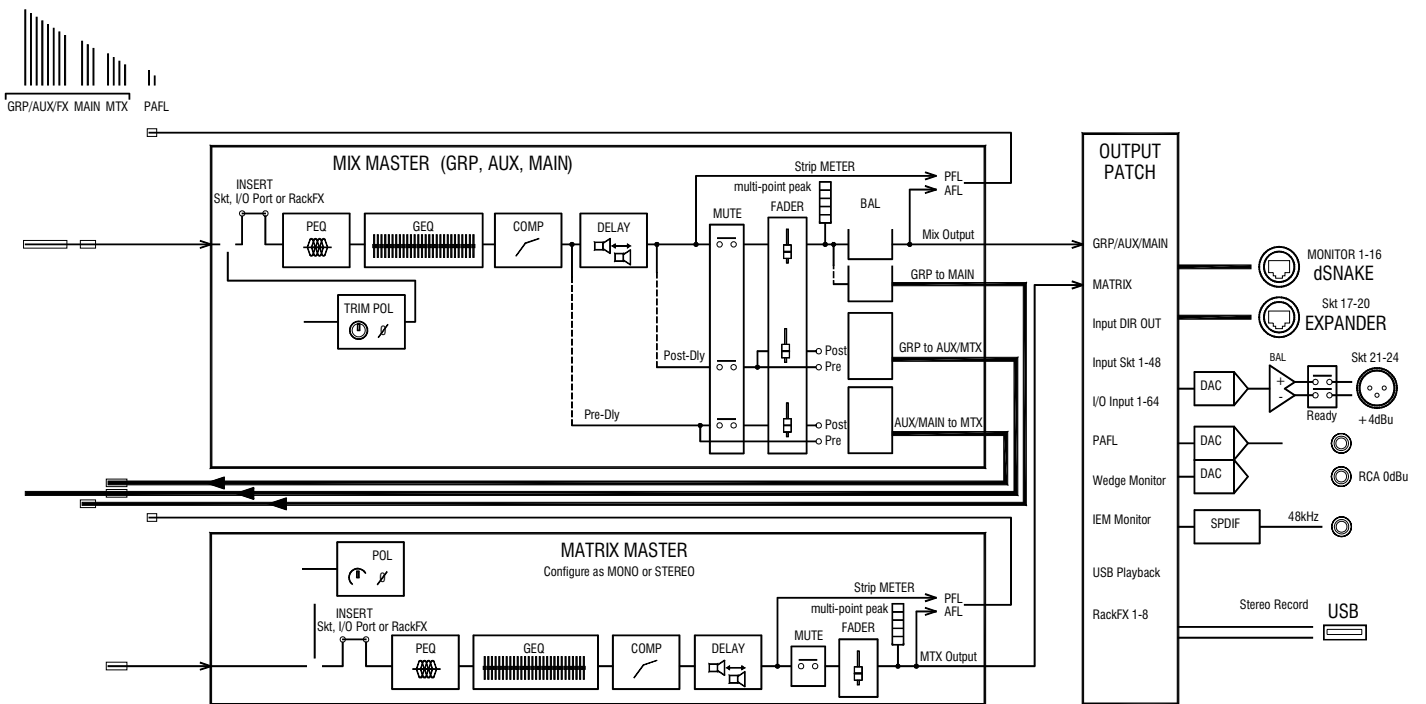
iLive

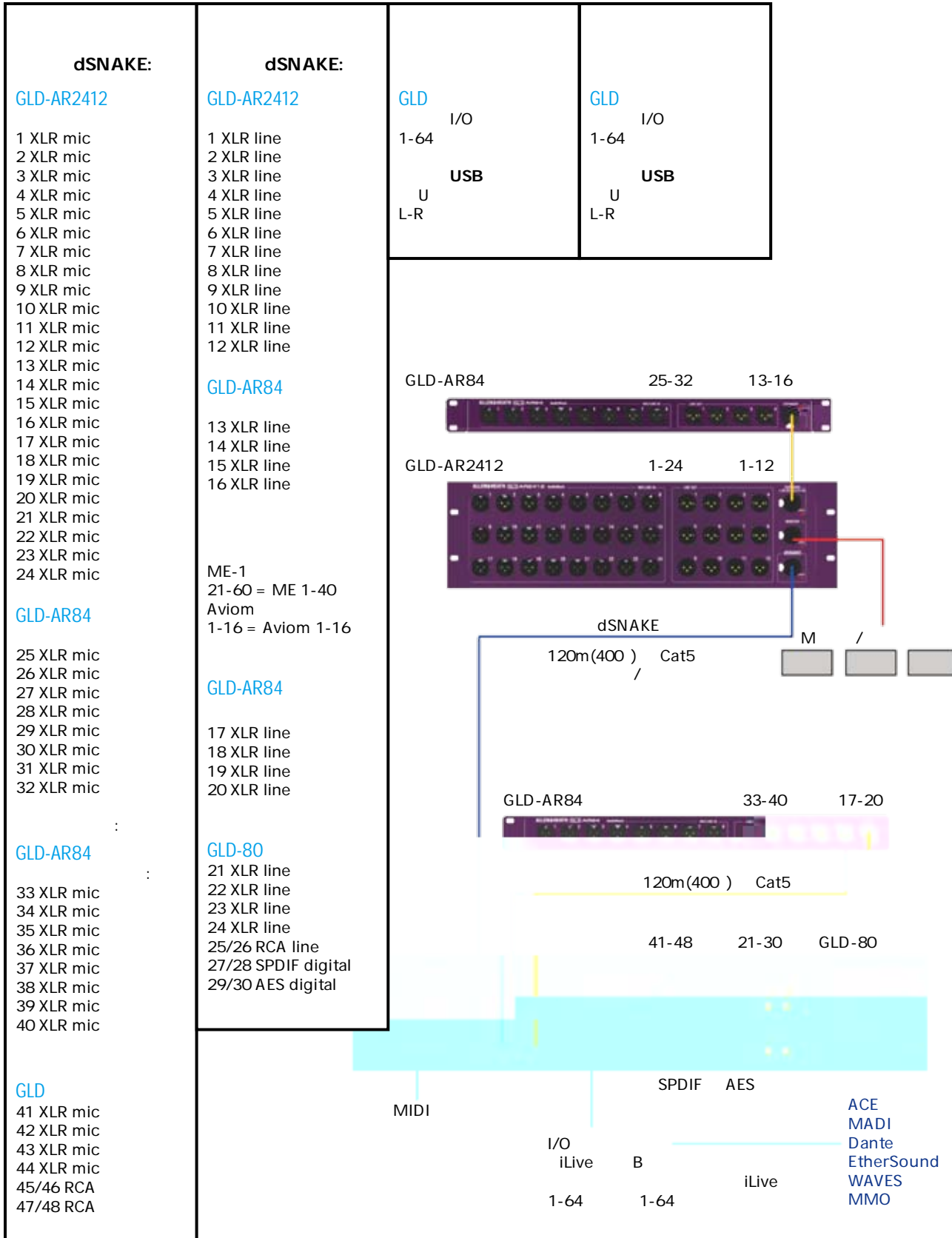
GLD iLive iLive Port B
ACE MADI EtherSound Dante GLD iLive

- 4-44
- 8.4
- dSNAKE CAT5 - 120
- 1dB/ /
- 48 30 20 - /
- 8 RackFX - 56
- 64 I/O FOH/ iLive
- 4
- / /
- GLD-80 = 20 2 - 80
- GLD-112 = 28 3 - 112
- - 8 LCD
- GLD-112 14 GLD-80 10
- 16 DCA /
- Allen & Heath ME Aviom® A-Net 16
- USB
- - PAFL
- GLD Remote OneMix iPad
- MIDI /
- (Scenes) Show
- 10
- Show FOH

GLD

GLD-AR2412	GLD-AR84	" Remote Inputs	"
Outputs	"	dSNAKE	GLD
			" Remote







GLD-112

28 14
3 4 = 112
iPad



GLD-80

20 10
2 4 = 80

GLD-80 GLD-120
48 30 20
10 dSNAKE 8



GLD-AR2412

24 CAT5 / 12 XLR
Heath ME Aviom® A-Net16
GLD AR2412 Allen &



GLD-AR84

8 / 4
XLR AR84 AR2412
1 AR84 32
CAT5 /



GLD Remote

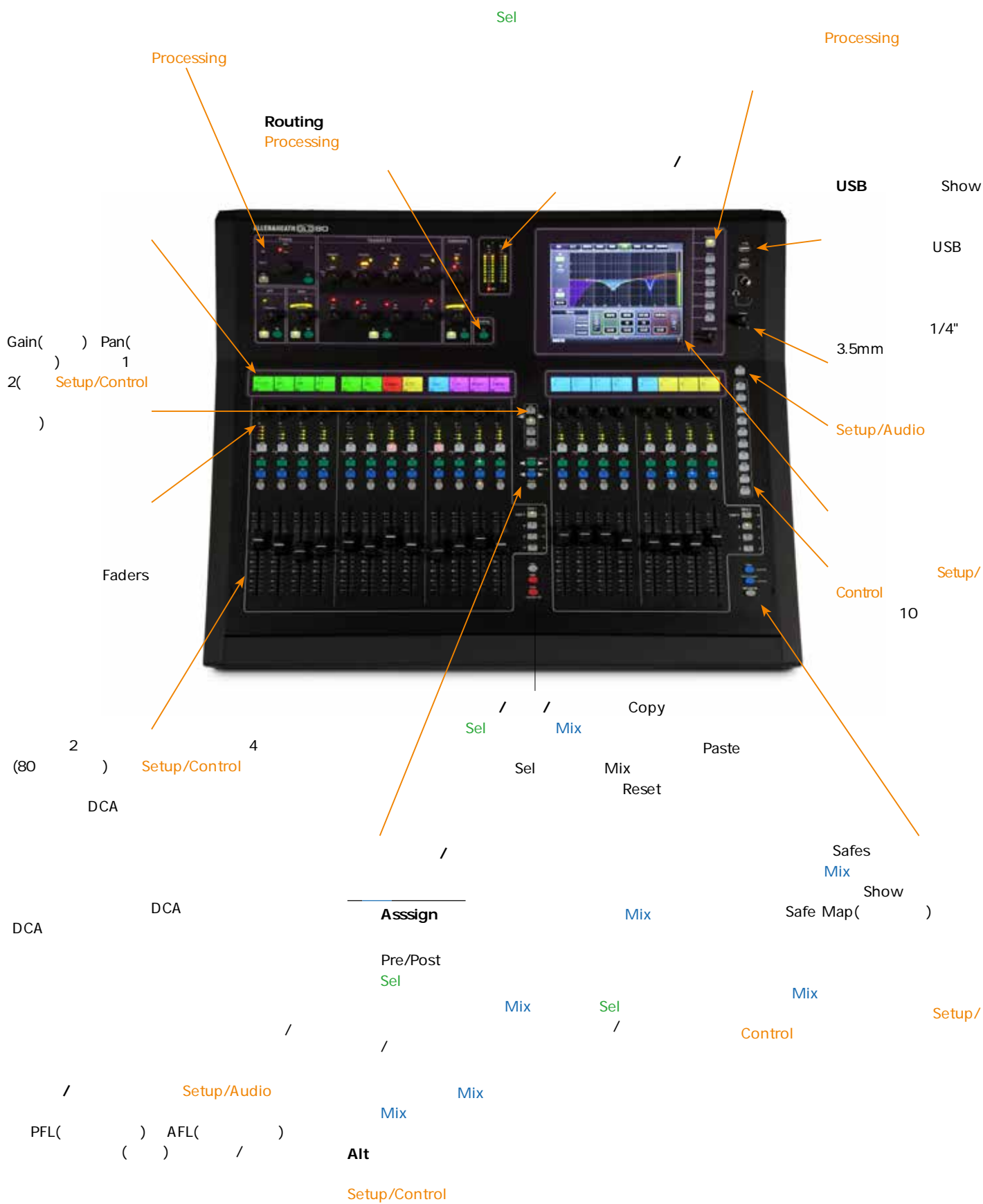
GLD iPad

OneMix

iPad

GLD Editor

PC MAC GLD www.
allen-heath.com



GLD		8		
		4	/	XLR (41-44)
4	XLR Allen & Heath LED	2		RCA (45- 48)



IEC
On/Off



Network

MIDI

dSNAKE

AR2412
1-32

MONITOR

CAT5
120 (396)

Lnk/Err /

AR84

33-40

17-20

AR84

AR84
120

CAT5
120 (396)

Lnk/Err /

GLD-80

GLD

/

6

4

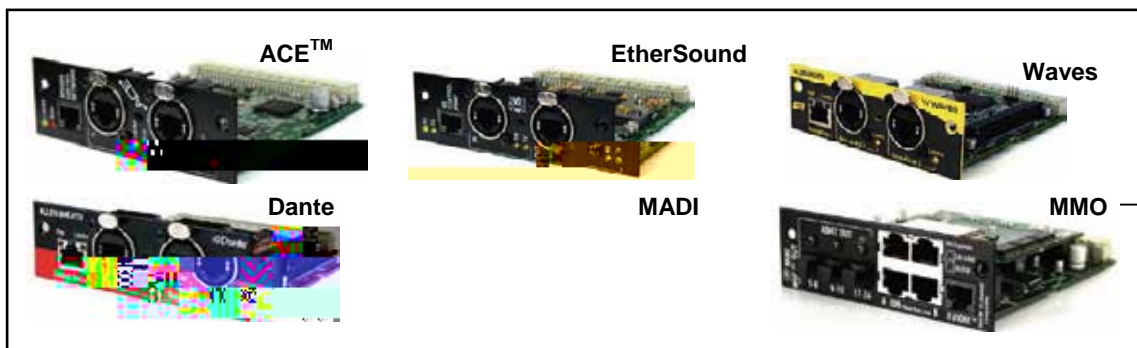
4 XLR (21-24)

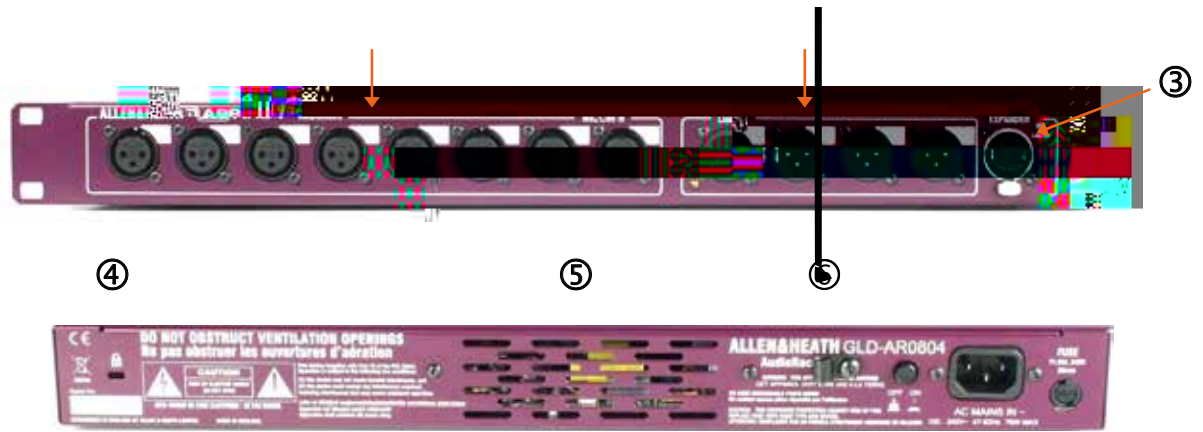
1 RCA (25/26)

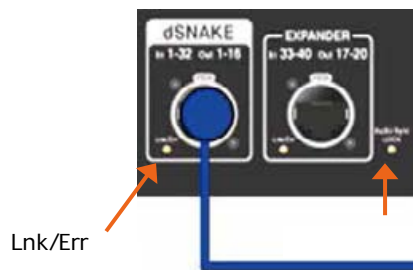
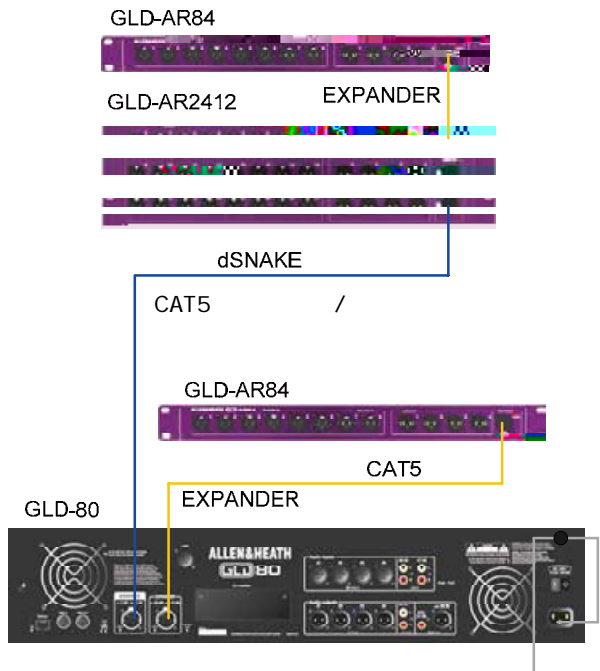
1 SPDIF 2 (27/28)

1 AES 2 (29/30)

GLD







AR2412 CAT5
dSNAKE

AR84 CAT5
AR84 AR2412 GLD-80
EXPANDER
AR84 EXPANDER
AR2412
dSNAKE

T20 Torx

On/Off
30

GLD

Home
dSNAKE EXPANDER
Lnk/Err /
Audio Sync LOCK
Ready

GLD
Lnk/Err /

Home
Processing
Sel
Power Down

" Not Shut down correctly" (

GLD Remote iPad

GLD Remote GLD OneMix iPad iPad GLD FOH GLD
 Remote iPad GLD OneMix



Apple Store GLD Remote GLD
 Demo Allen & Heath
 () GLD

-
- (2.4 5GHz)
-
-
-

5GHz
 2.4GHz
 Allen & Heath Allen & Heath iLive GLD

- GLD ()
- IP = 192.168.1.50
- = 255.255.255.0
- Router
- IP = 192.168.1.254
- = 255.255.255.0
- DHCP 192.168.1.100 200
- = WPA

LAN PC
 IP - GLD
 IP = 192.168.1.50 = 255.255.255.0
 Setup / Config / Network GLD
 GLD
 IP 192.168.2.1
 192.168.1.254
 DHCP - DHCP
 iPad IP GLD
 192.168.1.100 200 DHCP

DHCP GLD DHCP IP

- Wi-Fi
 WPA/WPA2

SSID iPad Wi-Fi
 SSID

CAT5 GLD
 LAN (Internet)

iPad

Template Show

GLD

Template Show

GLD

User Shows
cue

Show

GLD

-
-
-
-
-

GLD

Show

Template 1 LR



Template Show
Memory/Show Manager / Setup/
/Show Show

Show Show Show
Template Show

Recall

Show
DSP
Scene Library

Show

Show

User Show

Show

Show

User Show
Show

Template Shows

Shows

User Shows

User

Show
(Overwrite ,
(Delete
(Rename

Info

Show



User Shows

Shows

U
GLD
GLD U
U

FOH					
1 LR				Template Shows	
				FOH	FOH
2 LRM	3				
3 Mon			6	6	IEM

- Scene Safe
- 1-8 = DCA 1-8
- 9 = PAFL
- 10 = FX4 (FOH)
- 11-12 = • = On
- = (ME-1)
- = ME-1
- I/O = 1-48
- PEQ = 20-20kHz = On
- =
- 1 2 FOH -
- 3 Mon -
- FX ()
- USB CH47/48
- 1 LR USB
- Scene 1 499 () = ' GLD-80' ()
- Scene 2 500 () = ' GLD-112' ()
- Scene 498 = ' MIDI ' MIDI

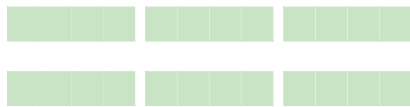
	" Board Reset"		1	2	'Reset'
GLD-80	GLD-112				Template Show
Board Reset Scenes		499	500		

Recall Filter

- Scene Safes
- | | | | | | |
|---|---------------|--|-----------|----------------|---|
| | Template Show | | User Show | | |
| 1 | 2 | | | Recall Filters | " |
| | " | | 499 | 500 | |

Template1 LR

	LR			FOH	FOH	
LR				FOH		
4	(2)				
8	(6	1)			
8	(4	)	3	1		4
6	(2	2)			
	1			LR		
				USB		Spdif
16	DCA/			6	DCA	
	44			44		CH44
	47/48	USB		U		



Template2LRM (LCR)

3

LR

Setup/Config/Mixer Config

/ / 3
) LR+M(
 LR+M(LR)
 LCR

LR+ Mono ()

2 (1)

8 (6 1)

8 (4)

6 (2 2)

16 DCA/

44

47/48 USB

1

Fader Bank 2

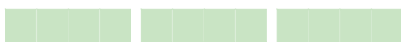
Template 3

18



5 6

0 1



25 26 27 28 29 30 31 32 33 34 35 36

1 2 3 4

37 38 39 40 41 42 43 45/6USB

1 2

Fader Bank 1

A2 A2 A3L A3R s s

A4L A4R A5b A5R s sR

L IEM R

6 ()

6 ()

8 (2)

44

47/48 USB

1

/ () PAFL

()

PAFL

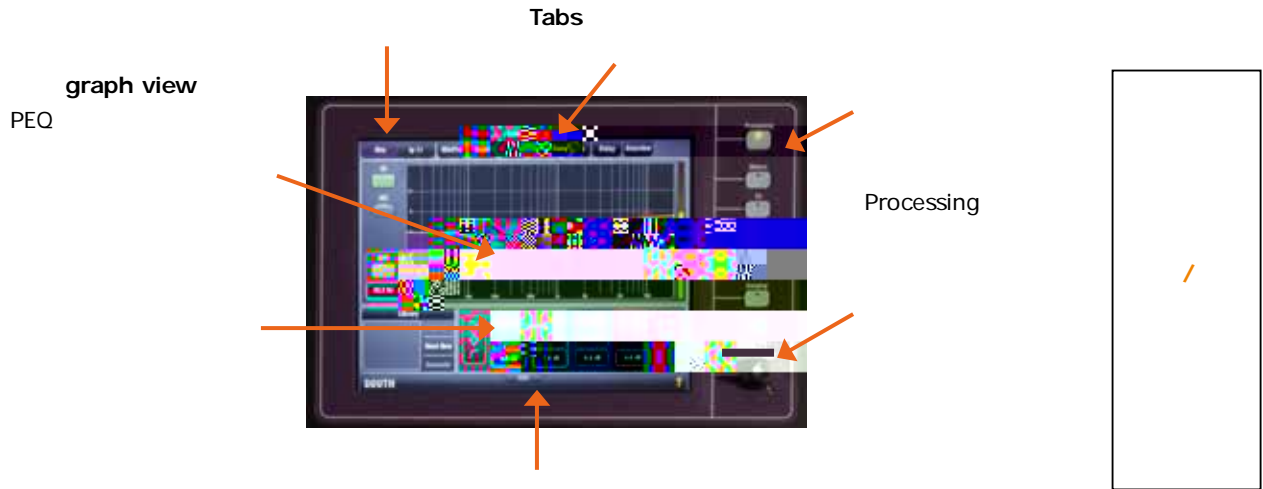
t

for digital mic spli



GLD

GLD

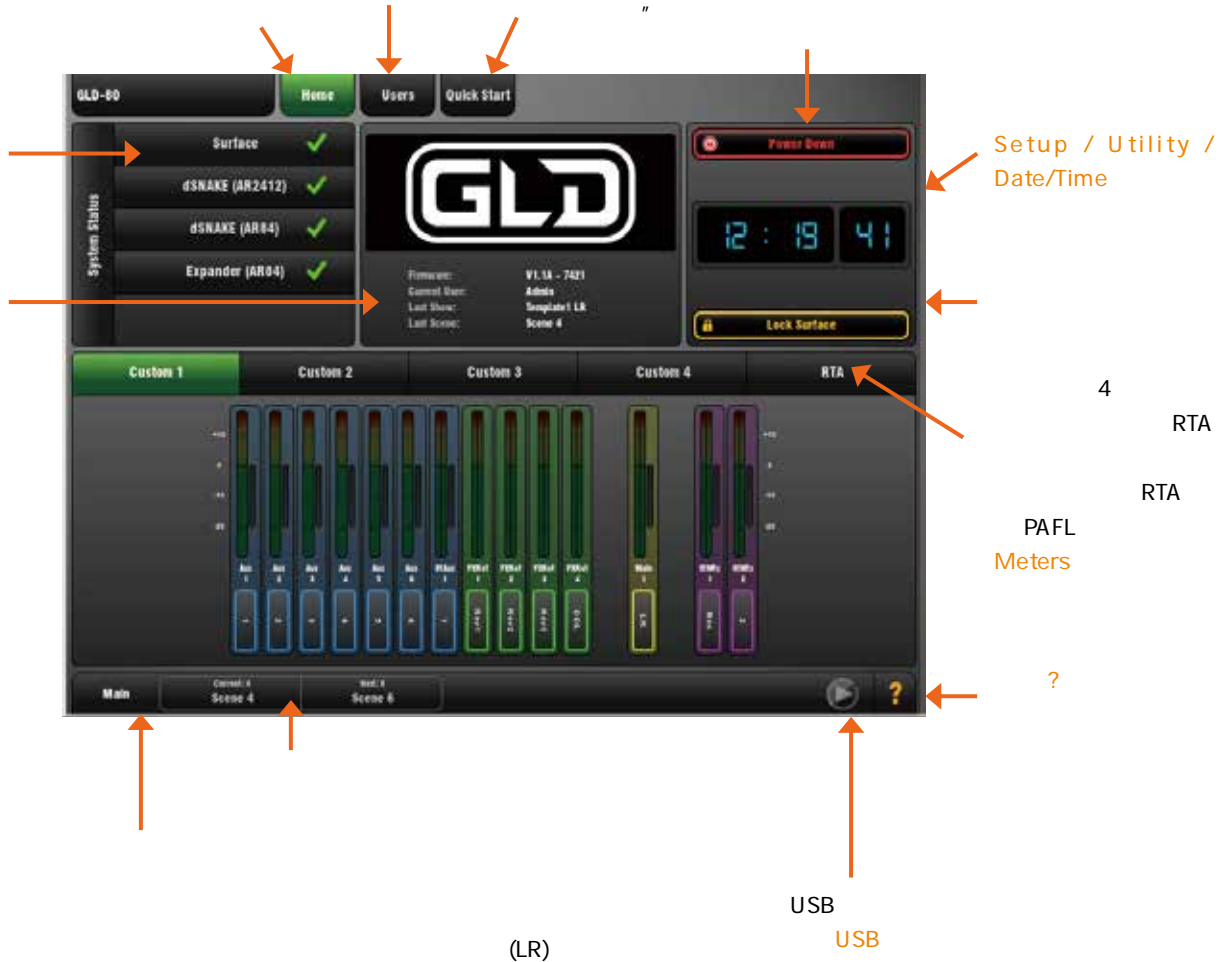


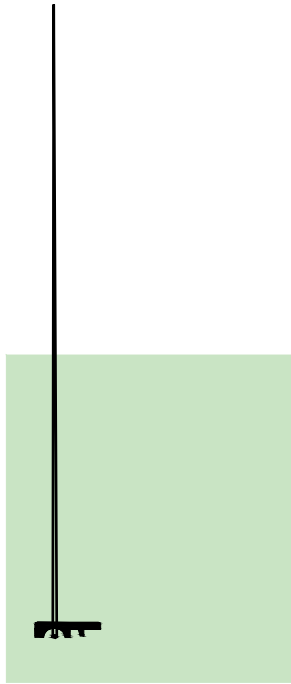
Sel

Processing

Sel

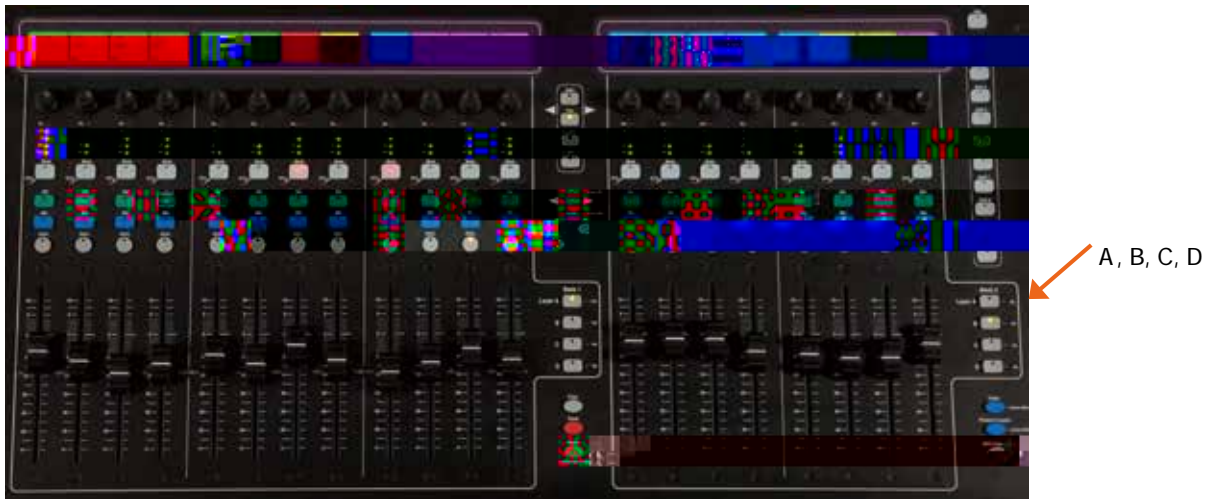
GLD



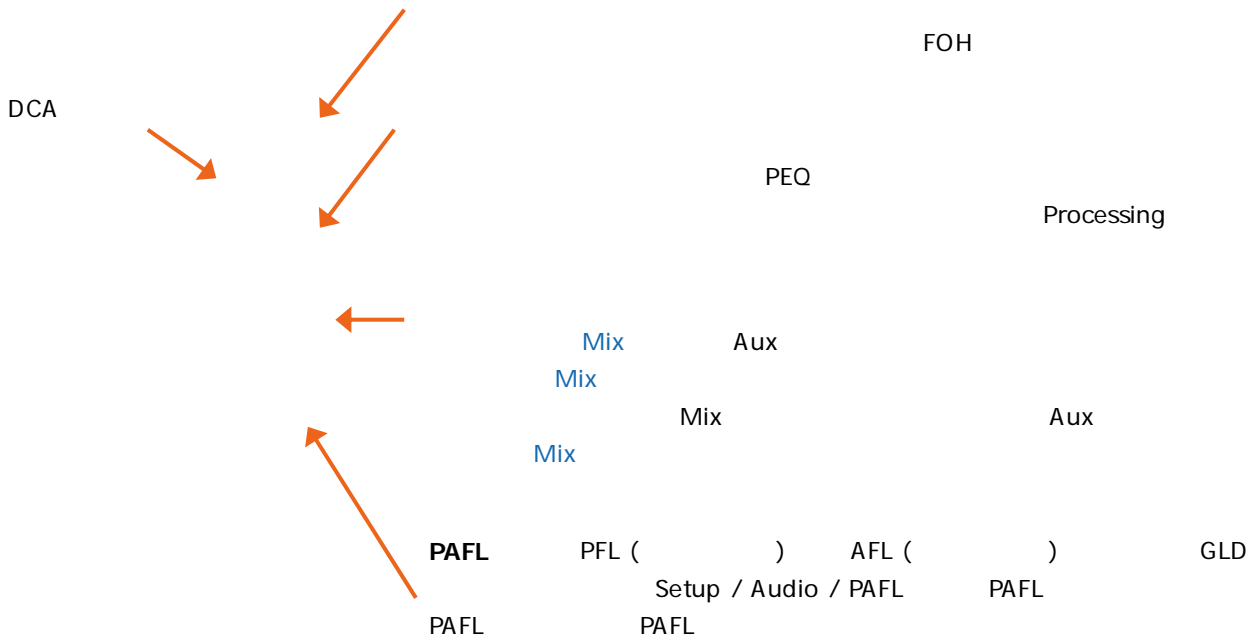


GLD-80	2	12	8	GLD-112	3	
	12	8	8	4	GLD-80	80
GLD-112	112					
					IEM	DCA
		()			

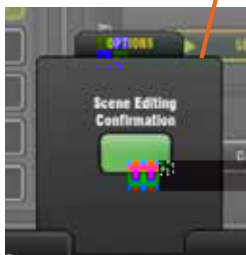
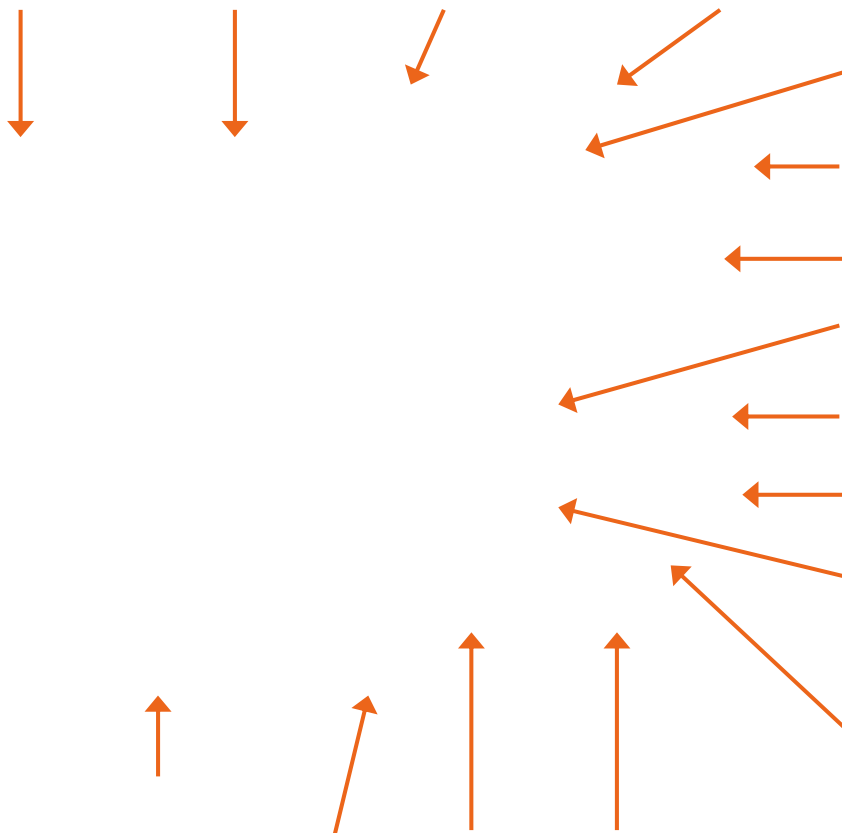
Setup / Control / Strip Assignment



4



Mix



" Admin" 9

ON User Scene

Setup Mixer Config Network User Profiles

Users

Admin Guest User2 User3 User4 User5 User6 User7 User8 User9 User10

Settings

User Name: Guest

Password: [Masked]

Comment: For visiting engineer

User Scene: Scene 5

Set Permissions

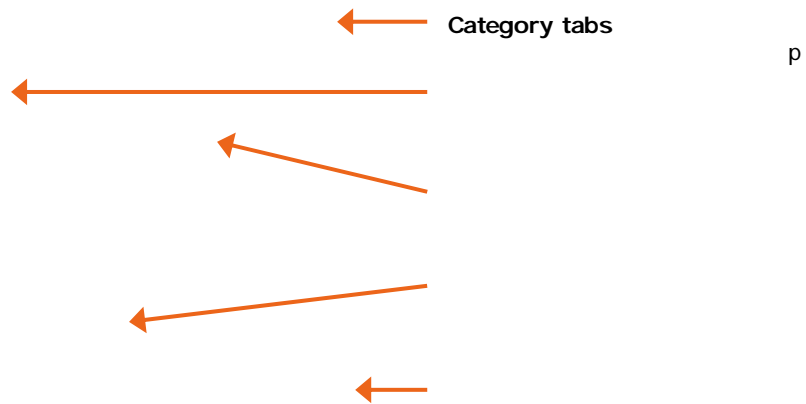
User

Scene

" No Scene"

Permissions(Set)

GLD Touch Screen Reference Guide GLD



Login

Home /Users

GLD

User Scene

USB

U GLD U



I/O

/

/

USB

- GLD 44.1 48kHz WAV - = WAV 48kHz.
 FLAC
 USB - I/O / Surface = 3
 USB USB = 188KB/sec
 • 11.5MB
 • 700MB
 U
 OPTIONS - IO /Surface

USB

1



OPTIONS

- Record

/
15_Apr_18.23.26.wav

Apply

U

GLD U

- Record

USB

U

AllenHeathGLD / USBRecord

Show Playback Files

AllenHeathGLD /

USBPlayback

-
-
- U
- U
- U



Note 1 40 MB U U GLD

Note 2 GLD

Note 3 Setup / Memory
/ Show Manager Show

Note 4 Setup / Utility / Calibration

Windows

Step 1

www.allen-heath.com GLD

Step 2

U GLD
U U GLD AllenHeathGLD
AllenHeathGLD Firmware.md5

Step 3

U
AllenHeathGLD U AllenHeathGLD U

Note:

Step 4

U
" " U

Step 5

U GLD USB
U GLD-80 USB Setup/Utility /Firmware Update
U

Step 6

Update Reboot GLD
GLD-80

Step 7

Template Show User Show

Mac

:

Step 1

www.allen-heath.com

GLD

Step 2

U

GLD

U

U

GLD

AllenHeathGLD

AllenHeathGLD

Firmware.md5

Step 3

U

GLD

U

U

AllenHeathGLD

AllenHeathGLD

AllenHeathGLD

Note:

Step 4

U

U

Step 5

U

GLD

USB

U

GLD-80

USB

Setup/Utility /Firmware

Update

U

Step 6

Update

Reboot

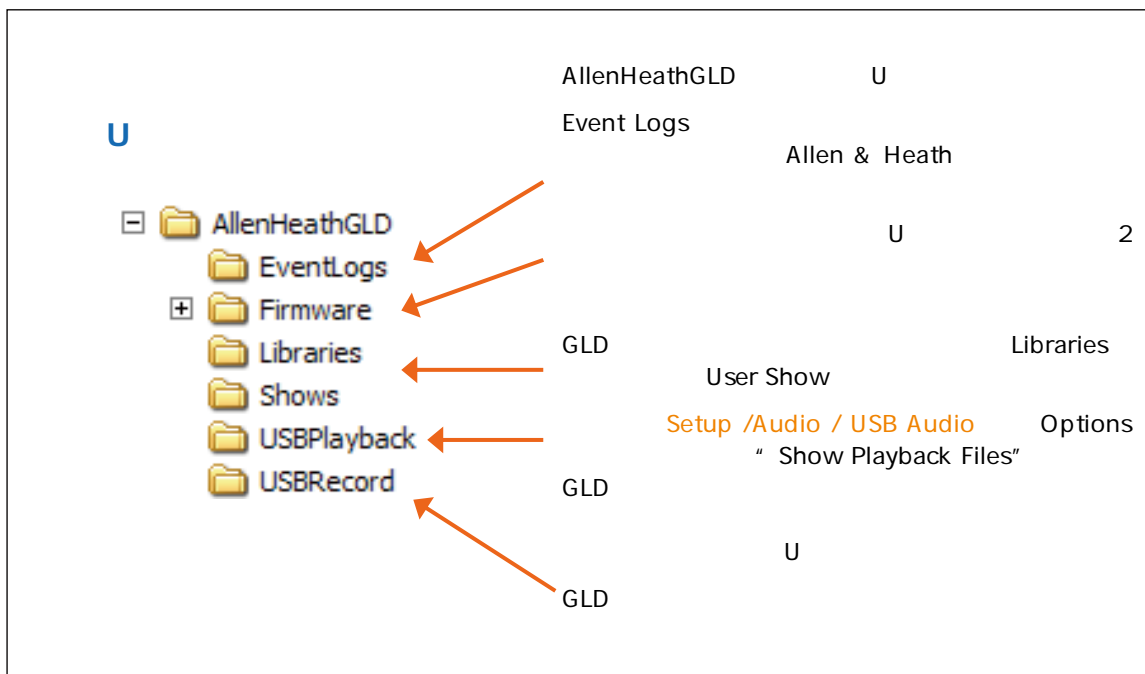
GLD

GLD-80

Step 7

Template Show

User Show



XLR /	(GLD 80 XLR)
/	
	60 to +15dBu
	+5 +60dB 1dB
	-20dB
	+32dBu
	>4k (), >10k ()
/	20 20kHz @
	127dB 150
()	90dBu
(5dB,)	93dBu
(30dB,)	89dBu
/ THD+N	20 20kHz @
()	0.005% 86dBu @ 1kHz 0dBu
(5dB,)	0.003% 89dBu @ 1kHz 0dBu
(30dB,)	0.004% 88dBu @ 1kHz 0dBu
RCA	(GLD 80)
	24 to +24dBu 0dBu
	+ / 24dB
	+18dBu
	>10k
RCA	92dBu 20 20kHz
RCA THD+N	0.0035% 90dBu @ 1kHz 0dBu
XLR	
	< 75
	+4dBu = 0dB
	+22dBu
	91dBu (20 20kHz)
RCA	
	< 75
	0dBu = 0dB
	+18dBu
	94dBu (20 20kHz)
	48kHz
SPDIF	RCA, 600mV 75
AES3 2 XLR	XLR 2.5Vpp 110
XLR XLR 20 20kHz	
	112dB
	90dB
	0/ 0.25dB @ 20Hz 0/ 0.5dB @ 20kHz
THD+N	0.0055% 68dBu @ +17dBu 1kHz
THD+ N	0.0022%, 84dBu @ +9dBu 1kHz
	+18dB
	0dBu
dBFS	+18dBu = 0dBFS (+22dBu XLR)
	0dB meter = 18dBFS (+4dBu XLR)
k	3dBFS (+19dBu XLR)
e	()
	48kHz +/- 100PPM
ADC	24 bit Delta Sigma
DAC	24 bit Delta Sigma
	1.49ms (GLD 80 XLR XLR)
	0.68ms (GLD 80 XLR)
USB	2 WAV, FLAC 44.1/48kHz
USB	2 48kHz / 16bit WAV
I/O	64
	A&H ACE, MADI, Dante, ES, Waves, MMO
	0 35 (32 95)

	8.4" TFT 800x600
	100mm
GLD 80	2 (12,8) 4 Layers = 80 x strips
GLD 112	3 (12,8,8) 4 Layers = 112 x strips
	LCD
	10
MIDI	MIDI
	TCP/IP
	8 x RackFX
	>
" "	
8	56
PEQ	PEQ
48	= 1 44 = 45/46, 47/48
	+ / 24dB
	/
	12dB/ 20Hz - 2kHz
	In/Out, +4dBu/ 10dBV
	85ms
	In/Out "listen"
	12dB/ 20Hz - 5kHz
	12dB/ 120Hz - 20kHz
	72dBu +12dBu
	0 60 dB
	50us 300ms
	10ms 5s
	10ms 1s

