

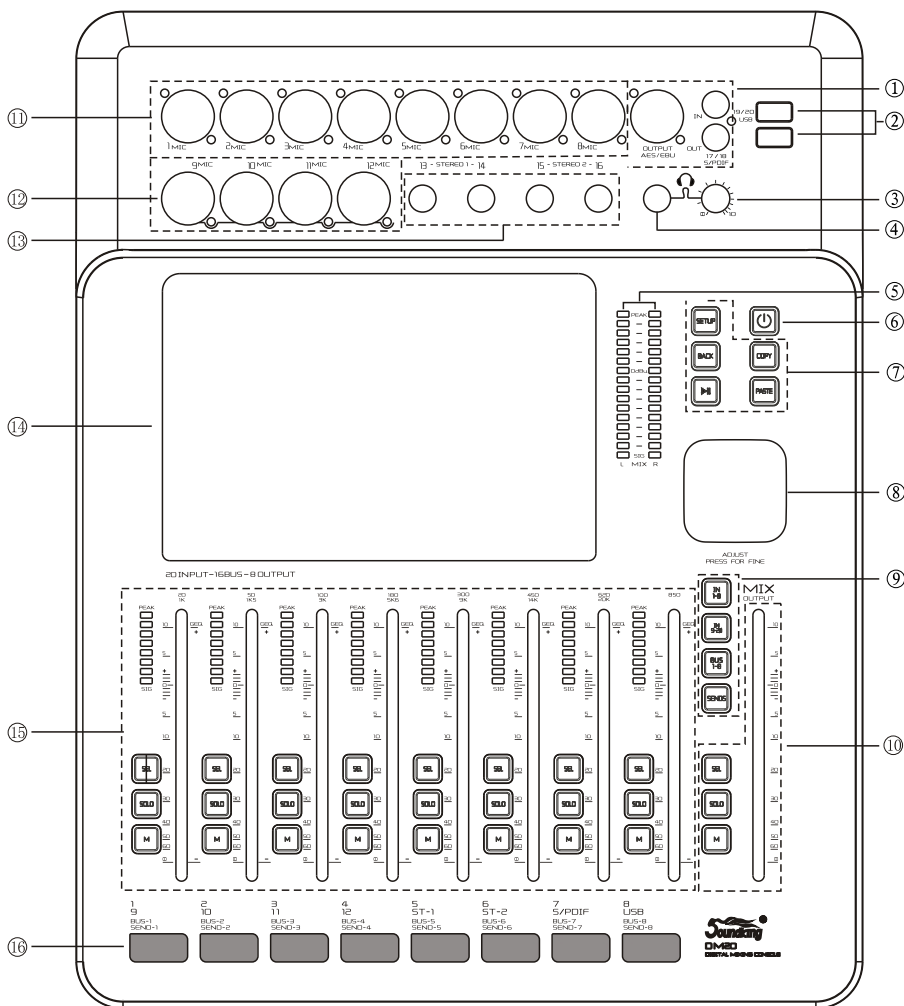
## DM20



.....	2
.....	2
.....	3
.....	5
.....	5
.....	6
.....	7
.....	8
.....	10
.....	11
.....	12
.....	12
.....	13
.....	13
.....	14
.....	14
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Setup .....	18
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DM20 - Soundking,  
SHARC 4-  
24 /192 8  
, 20 , 12 , 2  
, 18 , 8  
iPad. DM20 2 USB  
wi-fi. , DM20  
IPS- 7 , 9 ALPS  
100 , , .

12 , 2  
1 / S/PDIF, AES/EBU  
16 - 4 , 5 , 1  
8 XLR  
1 1  
7" 1024 600  
IPS  
100  
Neutrik  
8  
USB- ,  
iPad.



① / S/PDIF, AES/EBU

② USB 2.0

③

④

⑤ 16-

⑥ Power.

/

3

1

⑧

⑨

10

11

(12)

(13)

⑭

⑮

①⑥

7

1

1

1



②

③

DM20 12 , 2 , 1 S/PDIF 1 USB.  
INPUT 1-8 INPUT 9-12 ST-USB.  
INPUT 1-8 8 CH1-CH8, INPUT 9-12 ST-USB 4  
(CH9-CH12), 2 , 1 S/PDIF 1 USB.  
INPUT1-8 INPUT9-12 ST-USB,

Dynamics ( ), Bus Send ( ) Output Stage ( ) : Input Stage ( ), EQ ( ),  
"close".



- ①
- ②
- ③
- ④
- ⑤

Solo Mute,



① +48 V

②

③ REV

④ Delay

⑤ HPF

⑥ Insert

module can be used only once and it is already used by ". ( : "The  
you sure you want to use the module forcibly now? ( .) "Are  
( ? ) Yes? No?". ( ? )

SETUP.... FX....



①

② Bypass

( )

③ Flat

④ 4-

20 20 ).

4

( (gain), (freq.) (Q)).

⑤

⑥

(Gain): 18 ; -0

(frequency): 4

(HF) 4 (HMF) 1 (LMF) 200

(LF) 60

(Q): 4

0,5

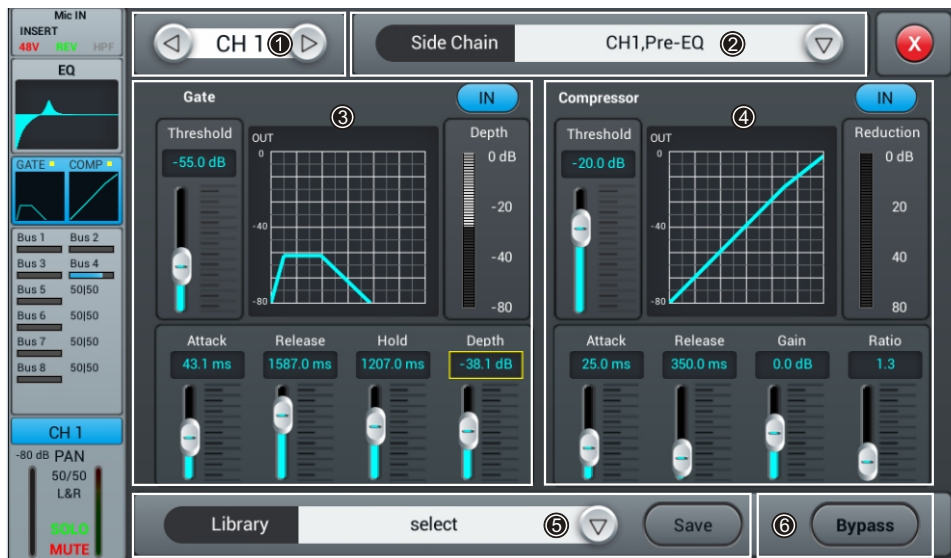
( ) 10,0 ( ) ; 0,5.



⑦ (library)

"Save",  
 16 Preset 1-Preset 16).  
 "confirm", "cancel".

Library, Gate, Compressor Side Chain.



①  
 ② (Side chain)  
 (CH1-CH12 ST1 ST2)  
 (Pre/Post Eq)  
 ③ Gate ( )  
 IN:  
 : Y (Threshold),  
 Attack ( ), Release  
 ( )  
 :  
 ( )  
 Threshold ( ): -80 0 -80  
 Hold ( ): 2 2000 -2  
 Attack ( ): 0,5 100 -3  
 Release ( ): 2 2 -350 ( )  
 Depth ( ): 0 -80 -80





- ①
- ②
- ③ PreFader ( ), PostFader ( )
- ④ PAN 50/50.
- ⑤

Solo Mute,

Pan,



①

②

PAN

50/50.

③

Solo

Solo,

Solo

④

Mute

( ).

Mute

⑤

⑥

0.

Dynamics (            ), Bus Send (            ) Output Stage (            ) : Input Stage (            ), EQ (            ),  
Close.



①

②

SUM

( ),

③

REV

④

Trim

).

-20

20

0

⑤

HPF

(HPF);

).

16 400

-16

⑥

Insert

Link

).

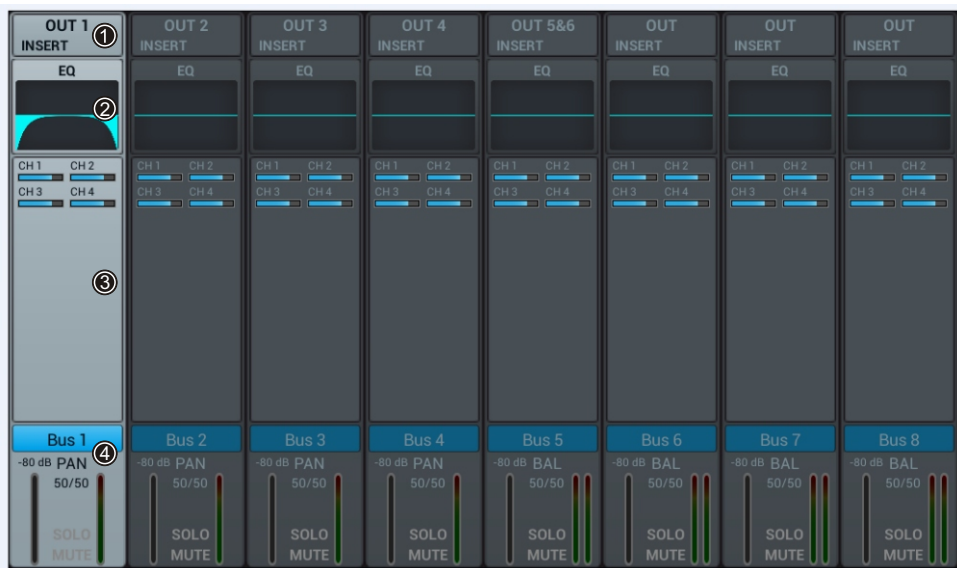
(Bus1-Bus8, L&R)

: "The module can be  
used only once and it is already used by ". ( ) "Are you sure you want to  
use the module forcibly now? ( ? ) Yes? No? ". ( ? )

10. ST1 ST2  
S/PDIF USB Bus5- Bus8 Master L&R,



DM20 14 : 4 (Bus1-Bus4) 5 (Bus5-Bus8), Master L&R. BUS1-8  
Bus 1 - Bus 8. 1-8, "SEL",  
L&R  
Bus 3 Master L&R. "SEL" Bus 1 Bus 2,  
Bus 1 Bus 8.  
4 - Input Stage ( ), EQ ( ), Input Source ( )  
) Output Stage( ), Input Source  
Exit.



①

②

③

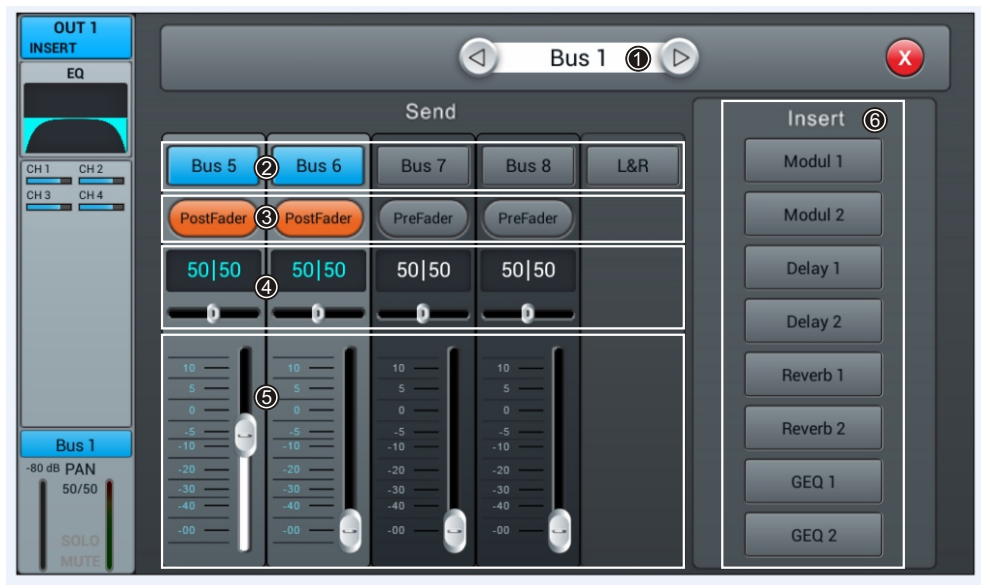
④

Solo Mute,

Bus 1- Bus 4

Send ( ) Insert ( ). Bus1- Bus4 Bus5-Bus8  
L/R, Bus5-Bus8 L/R.  
OUT3 3.  
OUT  
Patch.





- ①
  - ②
  - ③
  - ④
  - ⑤
  - ⑥
- PreFader. PostFader ( )
- PAN 50/50.
- Insert

(Bus1-Bus8, L&R)

: "The module can be used only

.) "Are you sure you want to use

once and it is already used by ". (the module forcibly now? (

?) Yes? No?". ( ? ?)

( Solo Mute, Pan,  
Bus5 - Bus8 L&R Bus1-Bus4).



- ① :
- ② Delay:
- ③ PAN:
- ④ Solo:
- ⑤ Mute:
- ⑥ :
- ⑦ :

Setup

Information, Sample Rate, Delay Unit, System, Wi-Fi, Remote, Brightness, Time & Date.



- ① Scene
- ② Information ( )  
System Version (APK), DSP, IP Address
- ③ Sample Rate ( )  
- 48  
only used for Digital Outputs." ( 44,1 44,1 , "The Sample Rate of 44.1 KHz is "44.1 KHz" , "48 KHz" 48 .
- ④ Delay Unit ( )  
"ms" ( ) , "ft" ( ) "m" ( ) ,
- ⑤ System ( )  
Maintenance ( ) , Home Screen ( )  
Wi-fi setup ( wi-fi).
- ⑥ Brightness ( )  
6 3
- ⑦ Crossover  
SUB8 IN, 8  
24 / 40-300  
Master L/R IN, 24 / 40-300  
2.1.



- ①

Update from USB

USB-

"After the update the System will reboot automatically. ( ). Are you sure you want to update the System?" ( ). "Install".
- ②

Factory Reset

"Factory Reset",

"Do you want to do a Factory Reset?" ( ). "Factory Reset",
- ③

Toggle Dev Mode

USB-
- ④

Android Home Screen
- ⑤

Import Settings
- ⑥

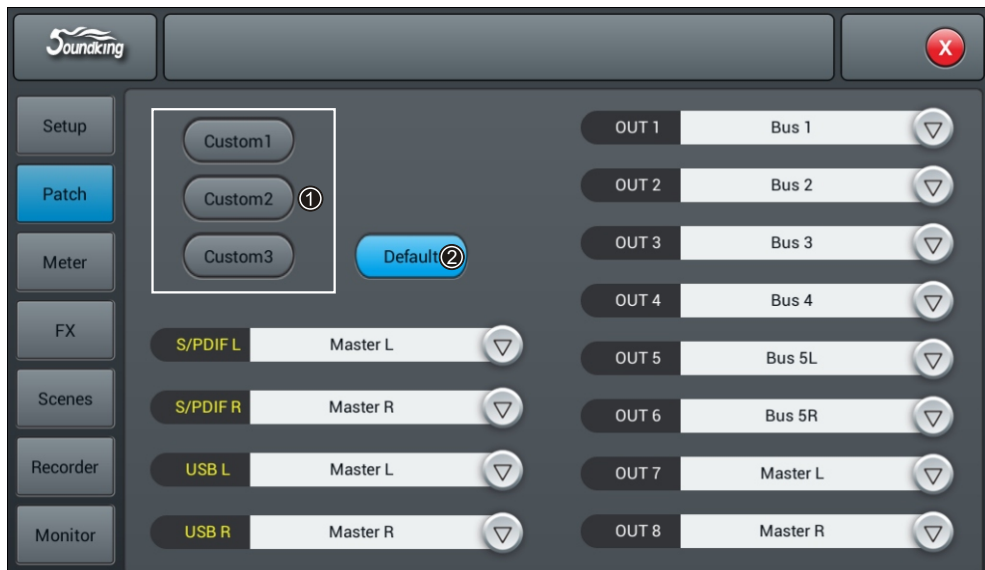
Export Settings
- ⑦

Time Settings
- ⑧

Save Log

## Patch

4 (Bus 1-Bus 4), 4 (Bus 5L-Bus 8R) S/PDIF USB  
Master L, Master R.



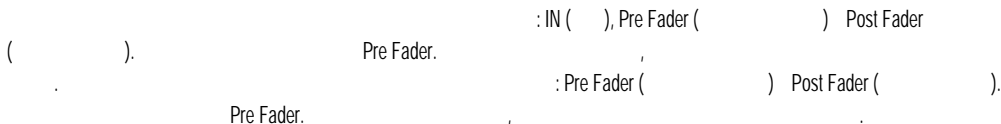
① Default ( )  
Bus1- Bus 5R OUT 1 - OUT 6, Master L Master R OUT 7-8,  
S/PDIF OUT USB OUT.

② Custom  
" Custom 1, 2, 3 "

8 : S/PDIF USB

14

• •



1



15- 8 : 2 (Modulation), 2 (Delay), 2 (Reverb) 2 (GEQ).

①

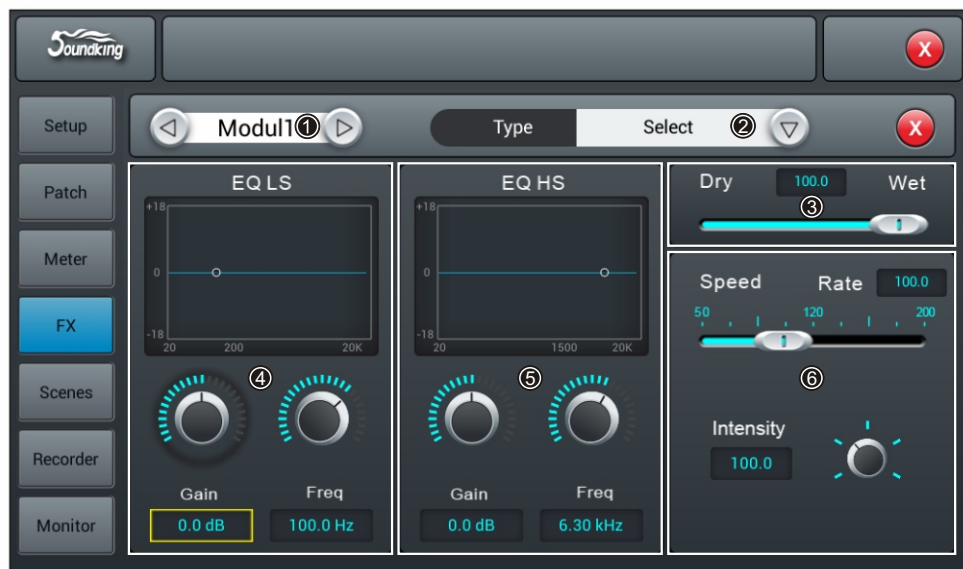
Close.

②

(Bus1-Bus8, Master LR)

: "The module can be used only once and it is already used by... Are you sure you want to use the module forcibly now?" ( ?) Yes? No??. ( ? ?)

"Modulation 1" "Modulation 2",



①

(Modul1-Modul2-Delay1-

Delay2-Reverb1-Reverb2-GEQ1-GEQ2)

② Type ( )

(Chorus Slow; Chorus Fast; Flanger Slow; Flanger Fast;

Celeste Slow; Celeste Fast; Rotor Slow; Rotor Fast)

③ Dry-Wet ( )

1 100, - 0.

④ EQ LS

(low-shelf).  
Gain ( ):  $\pm 18$  , -0 .  
(Freq) 20 200 , -100 .  
( ).

⑤ EQ HS

(hi-shelf).  
(Gain)  $\pm 18$  , -0 .  
(Freq) 1,5 15 , -6,3 .  
( ).

⑥

Speed 50 200, -100.  
(  
). Intensity 50 200, -100.  
(  
).  
Pre Delay 0 . Pre Delay , 0-100 ,





①

(Modul1-Modul2-Delay1-

Delay2-Reverb 1-Reverb2-GEQ1-GEQ2)

② Type ( )

(One Echo 1/4; Two Echo 1/8; Three Echo 1/16; Three Echo 1/16;

Delayed Four Echo 1/16; One Echo 1/4 with 4 Reflect)

③ Dry-Wet ( )

1 100, - 0.

④ EQ LS

(low-shelf).

(Gain) ±18 , - 0 . ( , ).

(Freq) 20 200 , - 100 . ( , ).

⑤ EQ HS

(low-shelf).

(Gain) ±18 , - 0 . ( , ).

(Freq) 1,5 15 , - 6,3 . ( , ).

⑥

Factor 0 13, - 1. ( , (Tempo) 40 240  
(BPM), 80. ( , ).

TAP TEMPO

(Delay Time) 0 2000 , 750 . ( , ).

Factor Tempo ( 1).

500 . (60\*1000/120 =500) Factor 9, 1000 . Factor 7,  
250 .

1

1	1/24
2	1/16
3	1/12
4	1/8
5	1/6
6	1/4
7	1/2
8	
9	x 2
10	x 3
11	x 4
12	x 5
13	x 6

(Feedback)

0 90,

-0.

(

).

FX

"Reverb 1"

"Reverb 2",



①

Delay2-Reverb 1-Reverb2-GEQ1-GEQ2)

(Modul1-Modul2- Delay1-

② Type ( )

(Hall Bright; Hall Warm; Room Bright; Room Warm; Plate Bright;

Plate Warm)

③ Dry-Wet ( )

1 100, -0.

④ EQ LS

(Gain) (low-shelf). ±18 -0 ( ).  
(Freq) 20 200 -100 ( ).

⑤ EQ HS

(Gain) (hi-shelf). ±18 -0 ( ).  
(Freq) 1,5 15 -6,3 ( ).

⑥

(Time) 0 15 ,  
8 .  
( 2 ).  
2

Hall Bright ( )	0.8 s	12.0 s	1.6 s
Hall Warm ( )			
Room Bright ( )	0.4 s	8.0 s	0.8 s
Room Warm ( )			
Plate Bright ( )	0.4 s	6.0 s	0.6 s
Plate Warm ( )			

Pre Delay

0-100 ,

0 .  
( , ).

"GEQ 1" "GEQ 2",



①

(Modul1-Modul2-Delay1-

Delay2-Reverb 1-Reverb2-GEQ1-GEQ2)

② Library ( )

"Save",

(

16

Preset 1-Preset 16).

"confirm",

"cancel".

③

Gain (+18 / 0 / -18 ).

(20 , 50 , 100 , 180 , 300 , 450 , 620 , 850 , 1 , 1,5 , 3 , 5,6 , 9 , 14 ,

20 ). 0

④

Bypass:

Flat:

0 (

⑤

"1-8"

8

"9-15"

7

## Scenes

## Scene List



①	(Scene List)	:	(No),	(Sel),	(Name)	/	(Time).
				Sel.			

```

graph TD
    Delete[Delete] --> AreYouSure["Are you sure you want to delete this scene?"]
    AreYouSure -- "Yes" --> Rename[Rename]
    AreYouSure -- "No" --> Copy[Copy]
    Copy --> New[New]
    New --> Save[Save]
    Save --> Import[Import]
    Save --> Export[Export]
    Import -- Load --> USB_Import[USB-]
    USB_Import --> CompressedFileList["Compressed file list"]
    Export --> USB_Export[USB-]
    USB_Export --> ScenesFileNotFound["Scenes file not found on USB stick!"]
    CompressedFileList --> ExportSuccess["Export success"]
    ScenesFileNotFound --> ExportSuccess
    ExportSuccess --> Confirm["Confirm"]
    Confirm --> StickDetected["stick detected, please reconnect and try again."]
    StickDetected --> Up[Up]
    Up --> Down[Down]
    Down --> Prev[Prev]
    Prev --> Load["Load"]
    Load --> Next[Next]
    Next --> Load
  
```

# Recorder



① (Player)

play/pause ( / ), previous( ), rewind ( ), forward ( ), stop ( ), next ( ), play mode ( ) record ( ).

②

③

USB- ; , .

④ **Record**

WAV. USB- , Mater L/R. Record.



① (Oscillator)

(Type): White noise ( ) / Sine wave ( ) / Pink noise ( )

(Level): -80 0 -30

(Frequency): 10 20 -1

(Destination):

② (Monitor/Phones)

(Level): -80 0 -20

Mute: ( )

③ Solo

Solo, AFL ( )

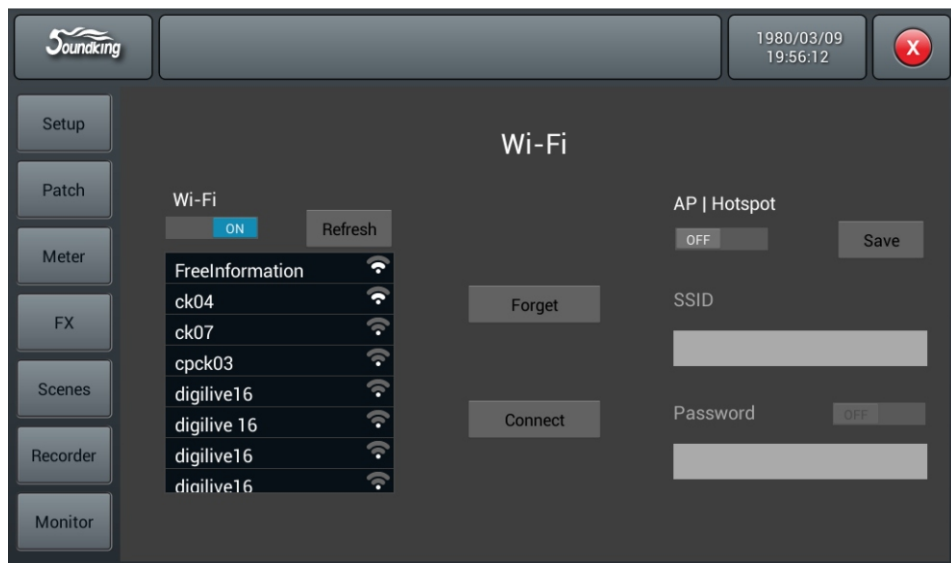
PFL ( )

Solo, PFL, AFL/PFL: PFL, AFL, Mute, AFL, Mute.

Trim Solo AFL -80 0 -20



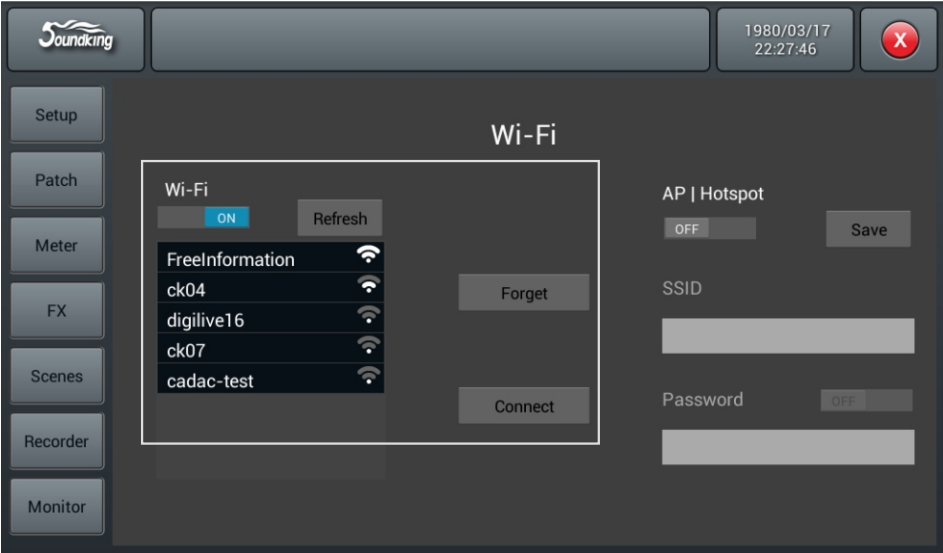
1. "Setup"
2. Wi-fi, "Setup WIFI"





3. WiFi

WiFi.



3.1 wifi,

3.2 "Connect", wi-fi

4. AP Hotspot

Wi-fi,

AP Hotspot.



4.1 AP, SSID AP Hotspot

4.2 SSID "Save".

## iPad

5.1.

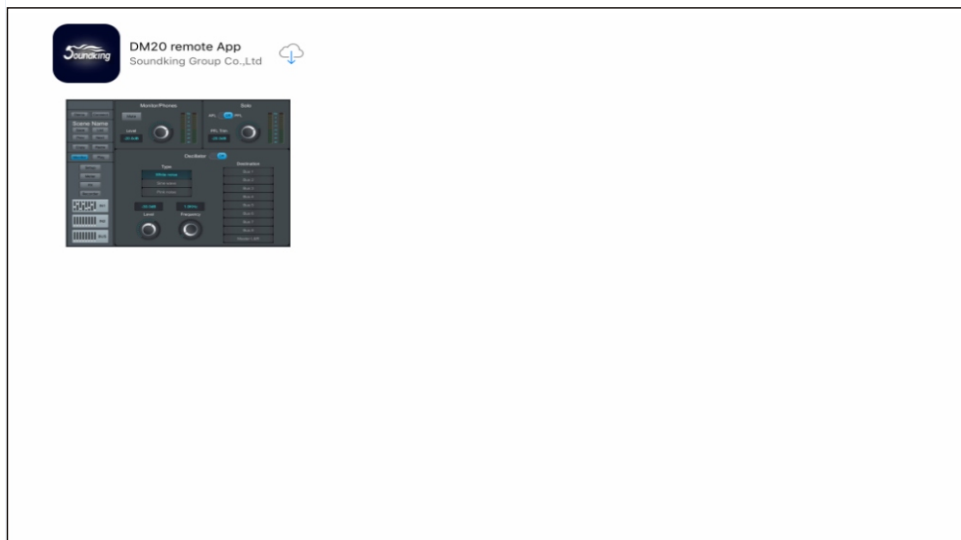
iPad,

App Store

"soundking"

"DM20",

.



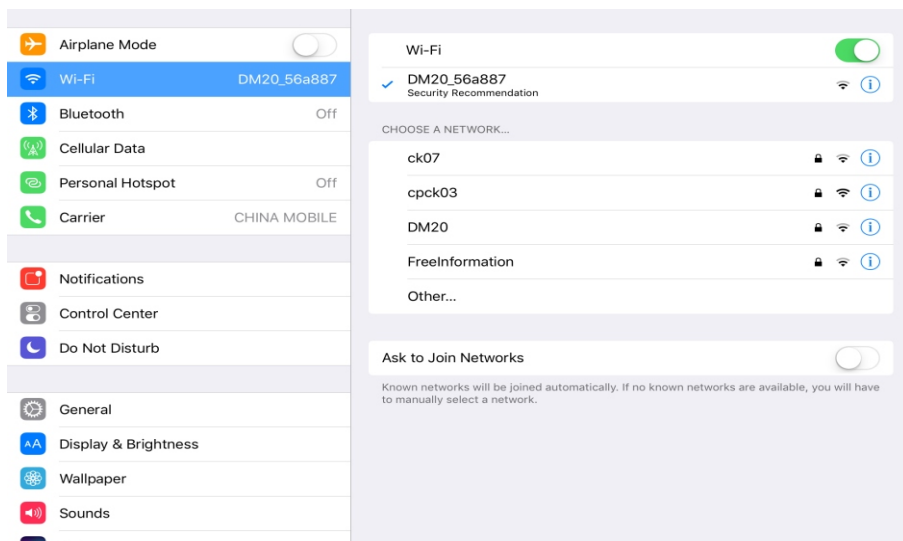
5.2. iPad

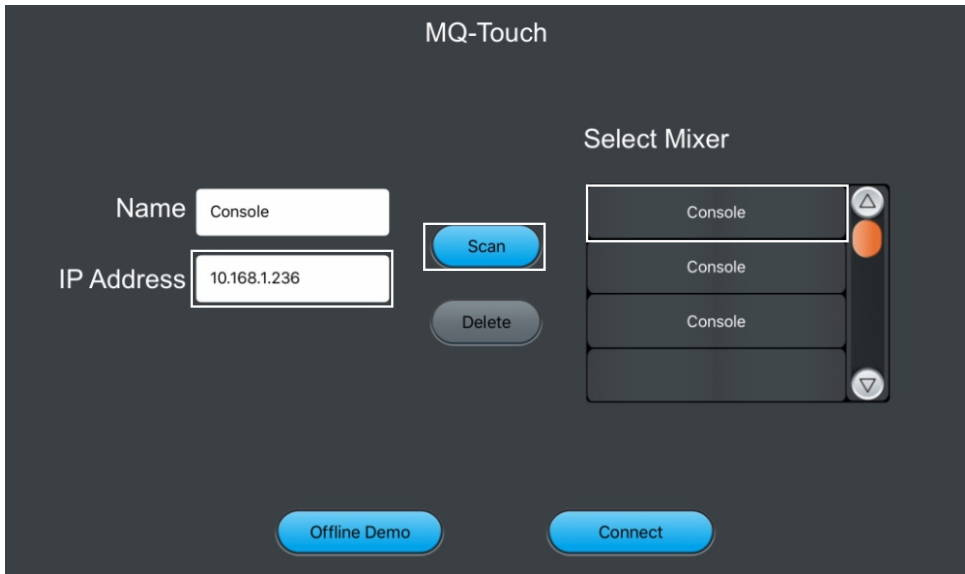
"Settings"->"WLAN",

wi-fi

AP hotspot,

.



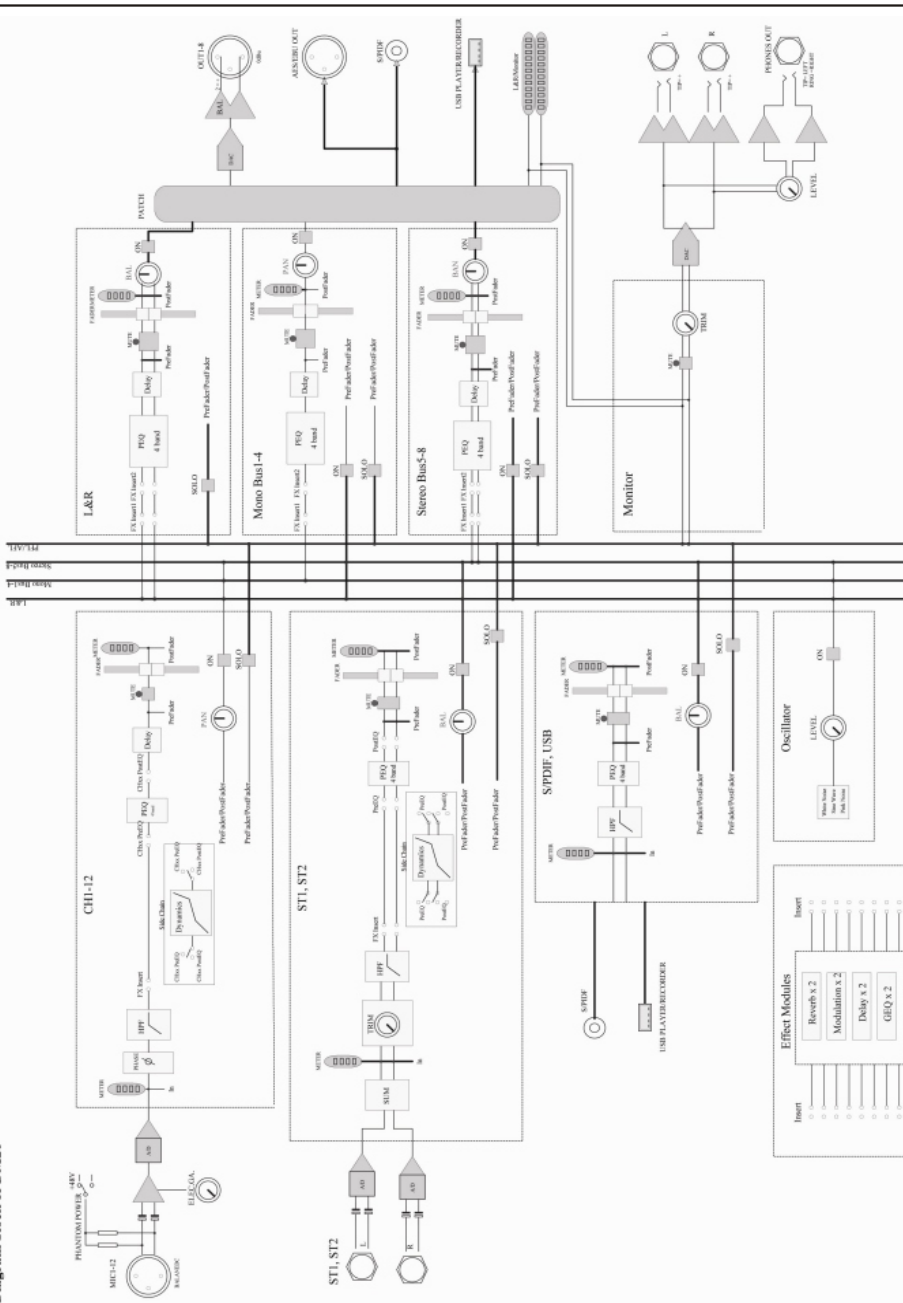


5.4. "Scan", (Console) "Connect".  
IP-  
: IP-  
"Setup".

5.5. iPad



Diagram block of DN120



	12	8 XLR 4 Combo
	2	4
-	L/R	8 (XLR)
	4	
	4	
	L/R	2 + 1
	S/PDIF	/ RCA
	AES/EBU	XLR
USB	WAV USB-	
	7" IPS HD 1024 600	
	100	
/	24 /192	
DSP	ADI SHARC 4- (40 ), 450	
	8 : 2 , 2 , 2 2	
	15- Android .	
	Wi-fi USB	
iPad		
	12 . ( 90-240 ~, 50/60 )	
	( . . ) 429 335 83	

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