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3. DSPX

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4. DSPX

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1-4

LAN

IP

DG

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B1 2
B2 3
B2 3
B3 4
L/R

1
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‘INPUT’

⌌

‘SOURCE’

⌌

‘INPUT MODE’

4 4

⌌

⌌

'ANALOGUE INPT A/D CLIP LEVEL'

W

W

W

W

'RIGHT TRIM'

W

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'INPUT FAIL SW'INPUT

‘ATTACK’

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‘DECAY’

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‘GATE THRESHOLD’

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‘RTR LEVE’L

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‘RTR SPEED’

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‘WINDOW GATING’

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W

‘B4<3 COUPLING’

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W

W

W

‘L/R COUPLING’

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W

W

W

‘MULTI-BAND LIMITERS’

W

‘B1-4’

‘DRIVE’

W

W

‘THRESHOLD’

W

W

W

W

‘PEAK ATTACK’

W

W

‘PEAK DECAY’

W

W

‘AVG ATTACK’

W

W

W

W

‘AVG DECAY’

W

W

‘HOLD THRESHOLD’

W

W

W

‘DELAY’

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W

W

'HF CLIPPING (BAND 4)'



'B1<2 COUPLING'



'B2>3 COUPLING'



'B2<3 COUPLING'



'B3>4 COUPLING'



'L/R COUPLING'



100%



'LIMITERS RATIO'



'MIXER'



BAND1MIX:



BAND2MIX:



BAND3MIX:



BAND4MIX:



'LOOKAHEAD'

'LOW ATTACK'

‘MAIN CLIP DRIVE’



‘ADVANCE’



‘DYNAMIC MULTI-BAND CLIPPING’



‘MAIN CLIPPER DISTORTION CONTROL’



‘MAIN CLIPPER FINESSE’



‘THE OUTPUT’



‘LP FILTER’



‘TILT FREQ’



‘ASYMMETRY’



‘HEADPHONE LEVEL’

W

W

W

‘TONE GENERATOR’

W

‘OSCILLATOR’

W

W

W

‘FREQUENCY’

W

4

4

4

W

‘AMPLITUDE’

W

W

‘LED CONTRAST’

⌵

4

4

⌵

‘TRIGGER PORT’

⌵

⌵

⌵

‘CODE LOCK’

⌵

⌵

⌵

‘REMOTE SOURCE’

⌵

⌵

‘LAN CONFIG’

⌵

‘IP’

⌵

‘DG’

⌵

‘SM’

⌵

‘MA1’

⌵

‘MA2’

⌵

‘PORT’

⌵

‘ABOUT’

⌵

‘BOOTLOAD’

⌵

⌵

DSPX

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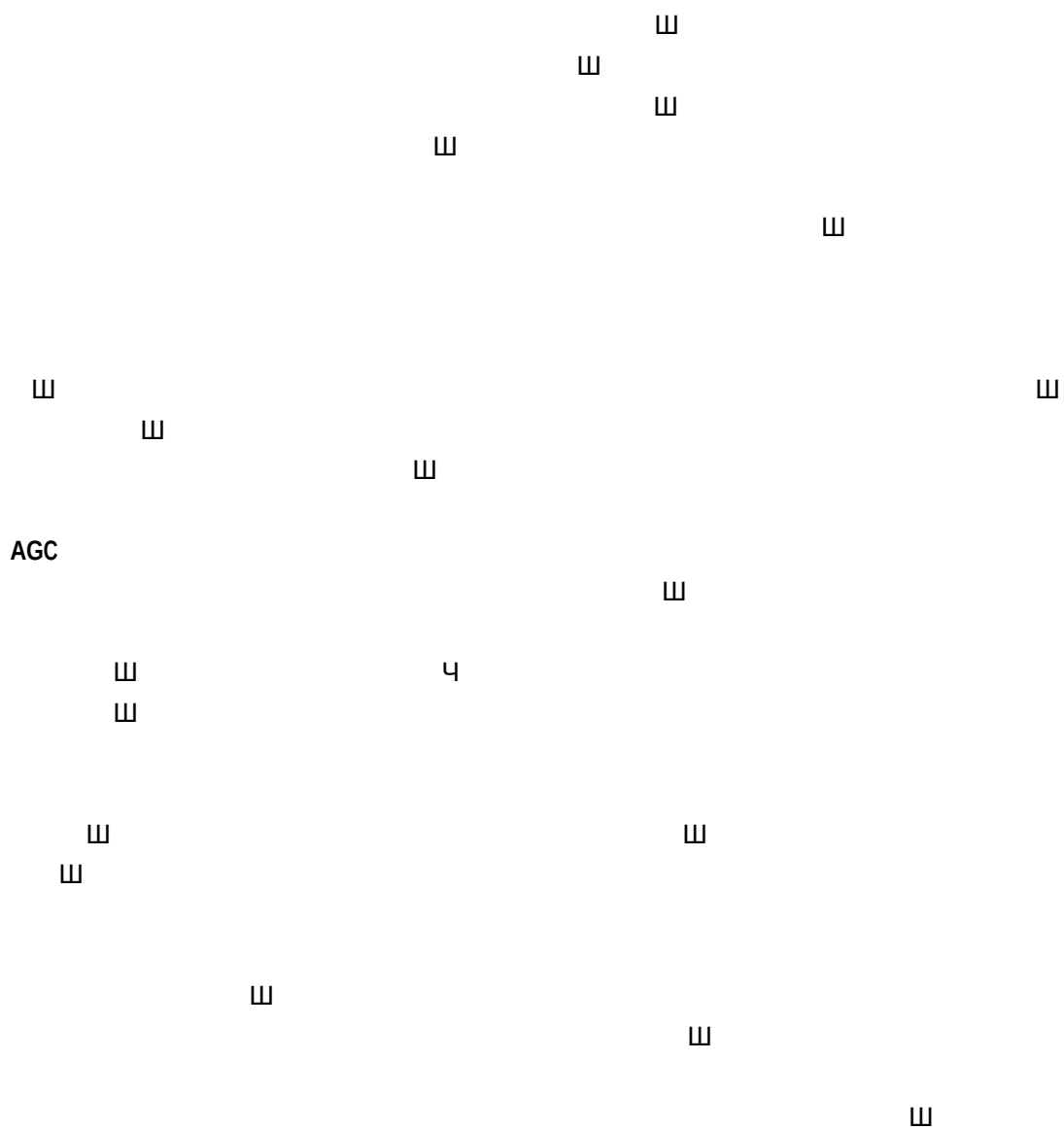
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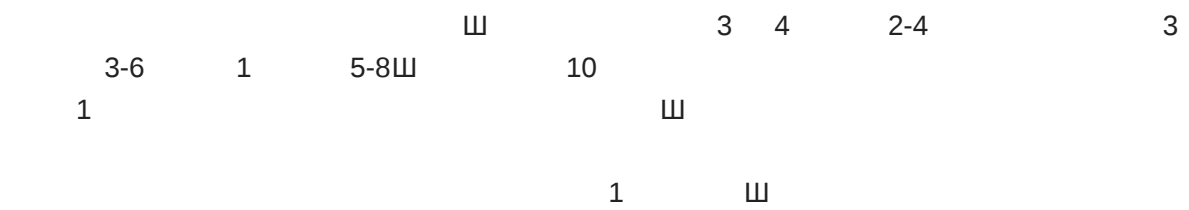
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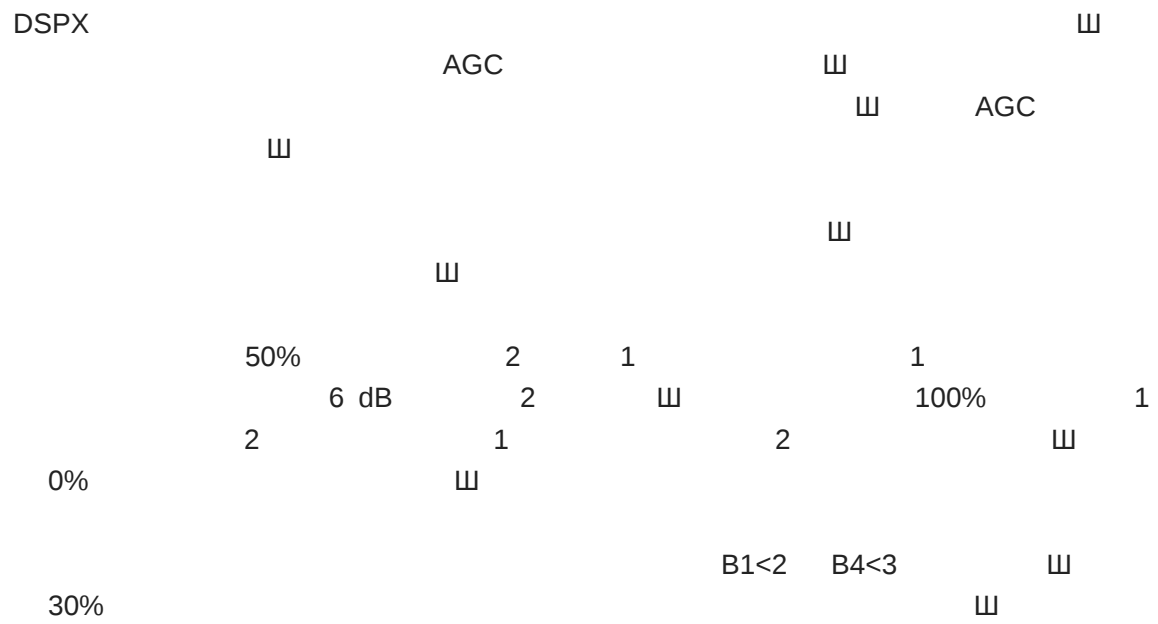
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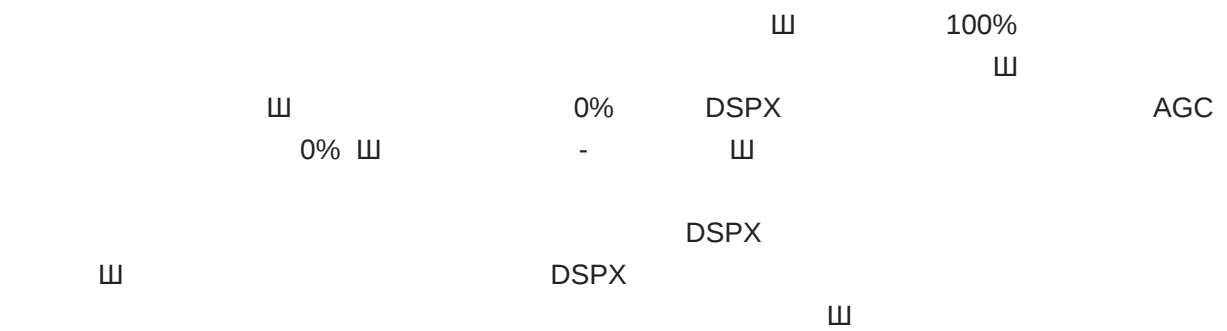
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Band-couplings



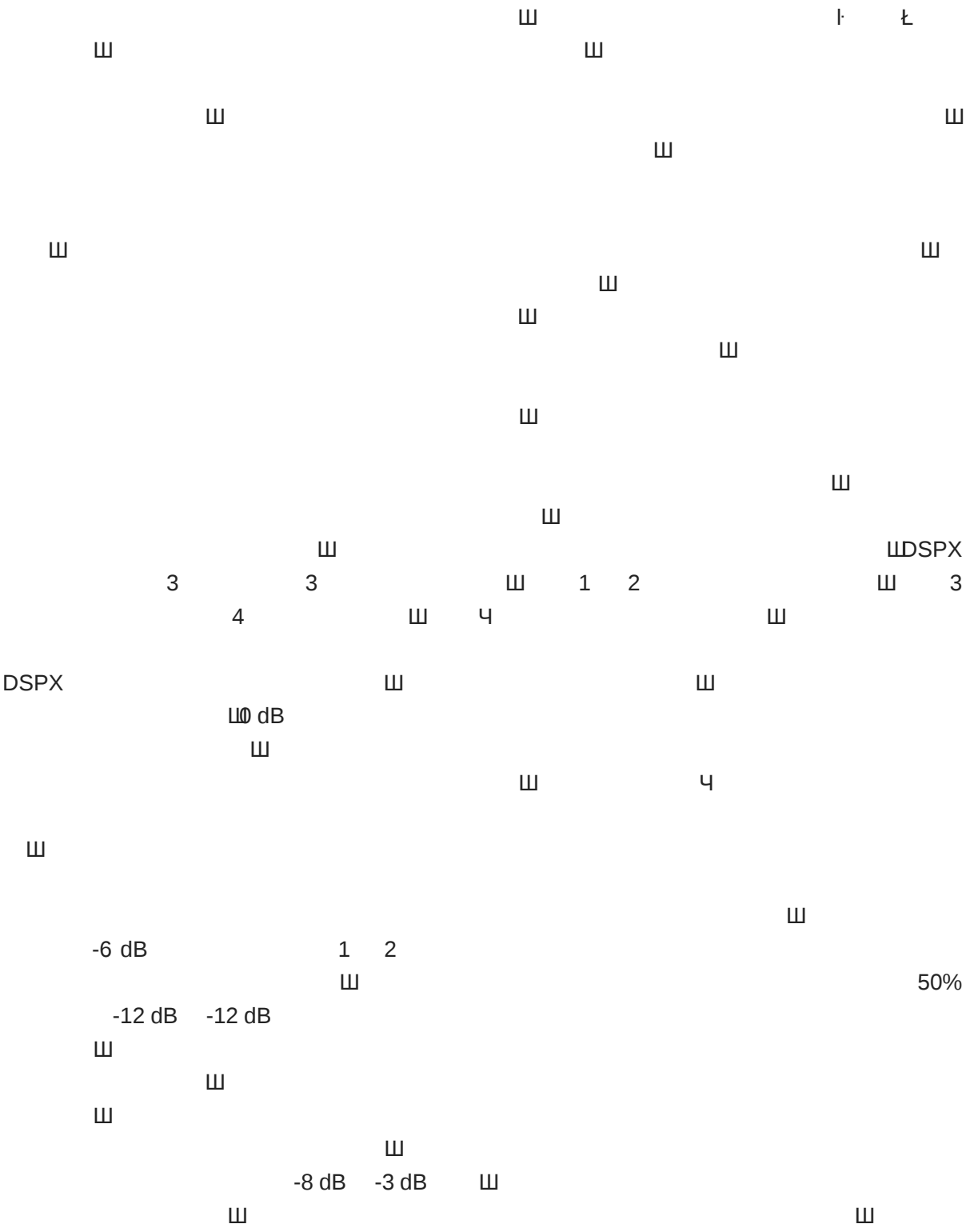
Channel coupling



The mixer



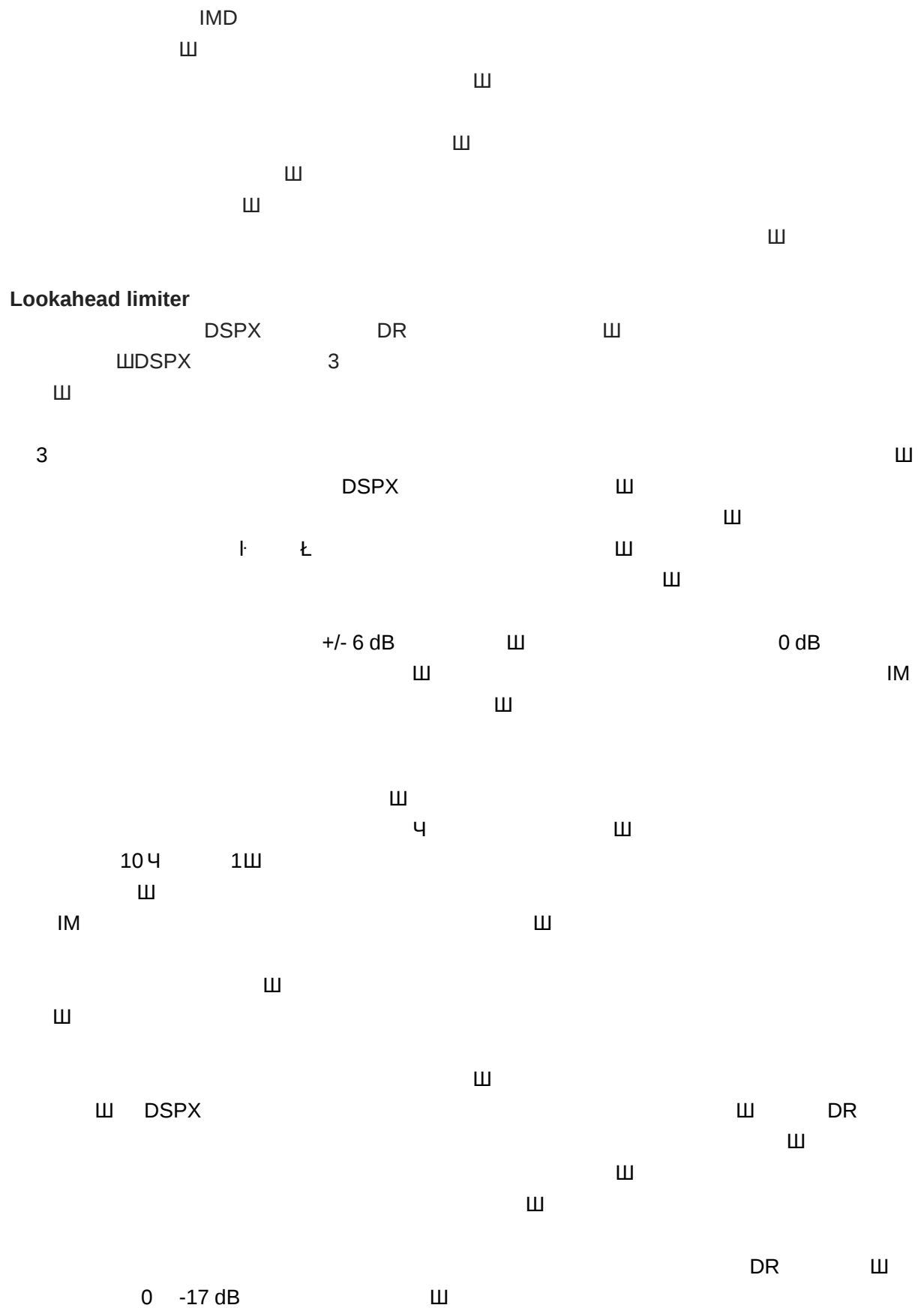
The multi-band clipper

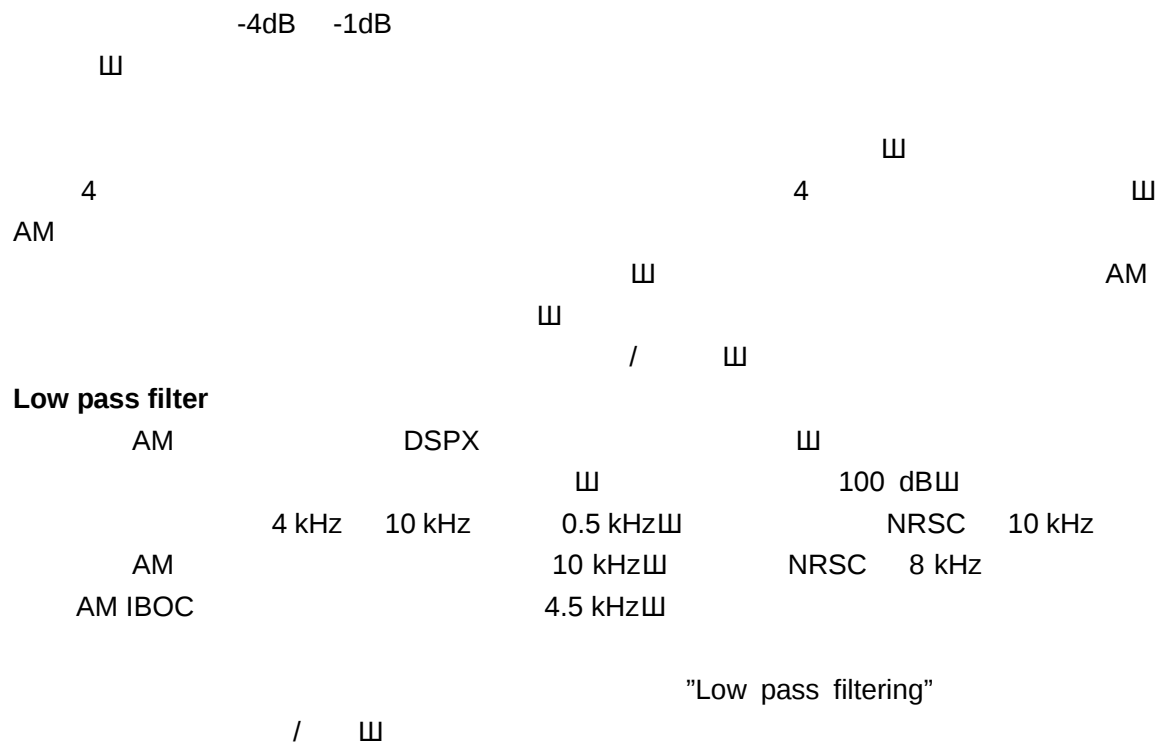


Bass clipping

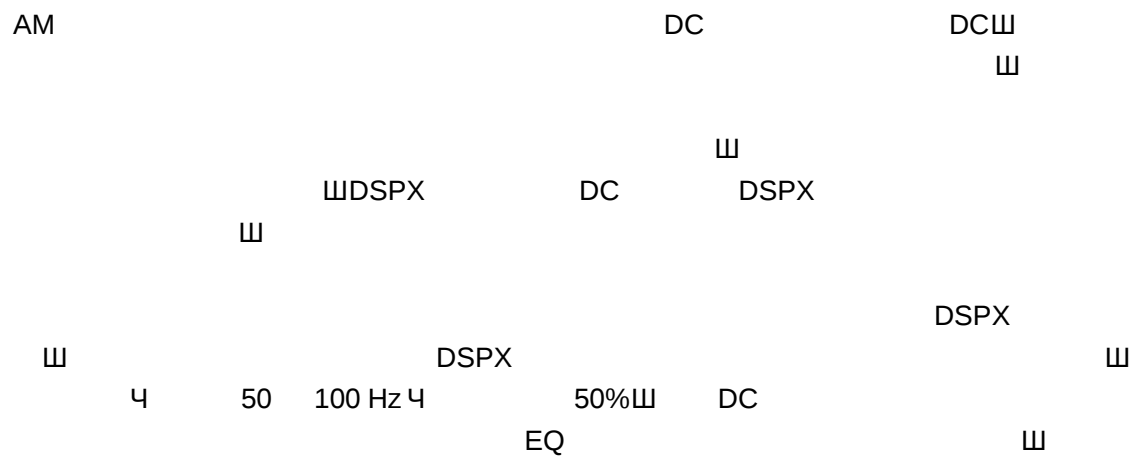








Tilt equalization



Tilt correction:



Asymmetry



100% 10.5 0 0.0019.558.53657 0,XB E A

HOLD
DELAY

HOLD W
 W
 W
 W

W

W

W

Final clippers: (AM USE)

W

W

4 4

W

W

W

W

Look-ahead limiter: (DR USE)

W

W

W

W

W

W

W

More BASS

W

EQ:

W

W

W

Multi-band AGC:

1 AGC

W

1 AGC

W

1 AGC

W

1

W

1

W

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1 AGC

1

AGC W

B1<2

1

2

W

Multi-band Limiters:

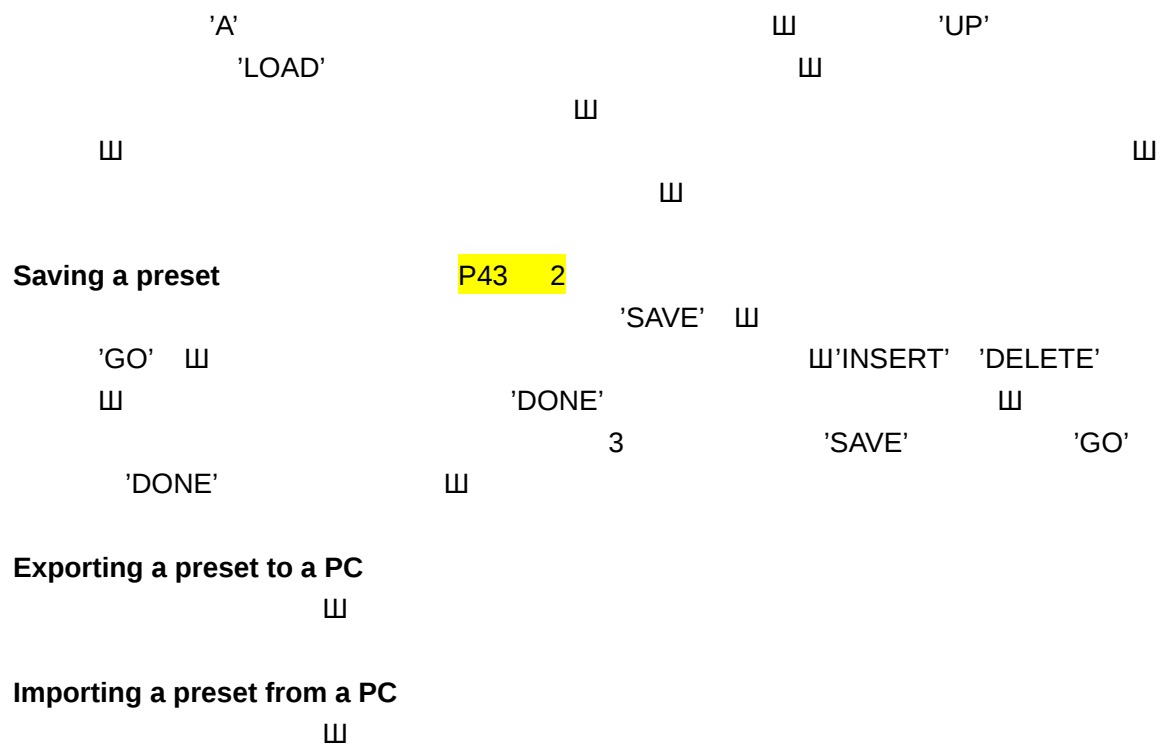
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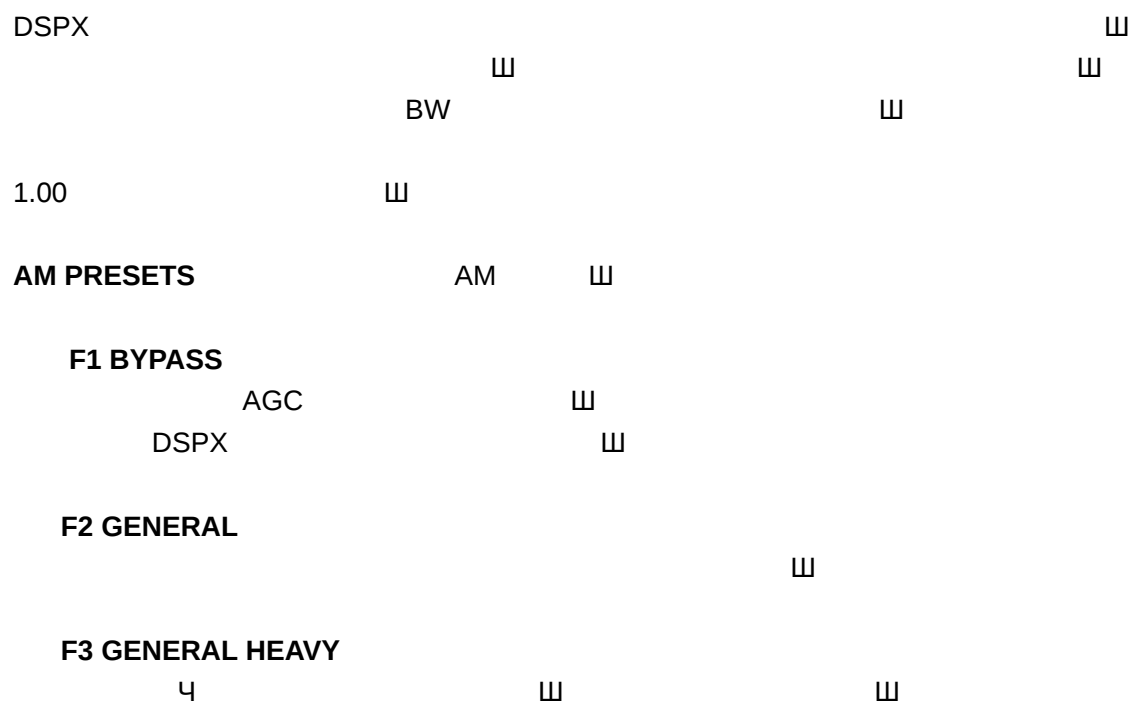
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FACTORY PRESETS



F4 TALK



F5 TALK HEAVY



F6 MUSIC OPEN



F7 MUSIC MEDIUM



F8 MUSIC HEAVY



F9 NEWS



AGC



F10 SPORTS



F11 CLASSICAL-JAZZ



F12 LOUD



HD RADIO PRESETS

(HD

/DRM)



F13 HD RADIO BASS



F14 HD RADIO GENERAL



F15 HD RADIO NATURAL



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www.bwbroadcast.com Ⅲ
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DPO: F2:CHR - ALL 07:00 - 10:00

DP1: U4:NEW PRESET – ALL 10:00 – 02:00

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