4.4.2 Fader Channel Processing

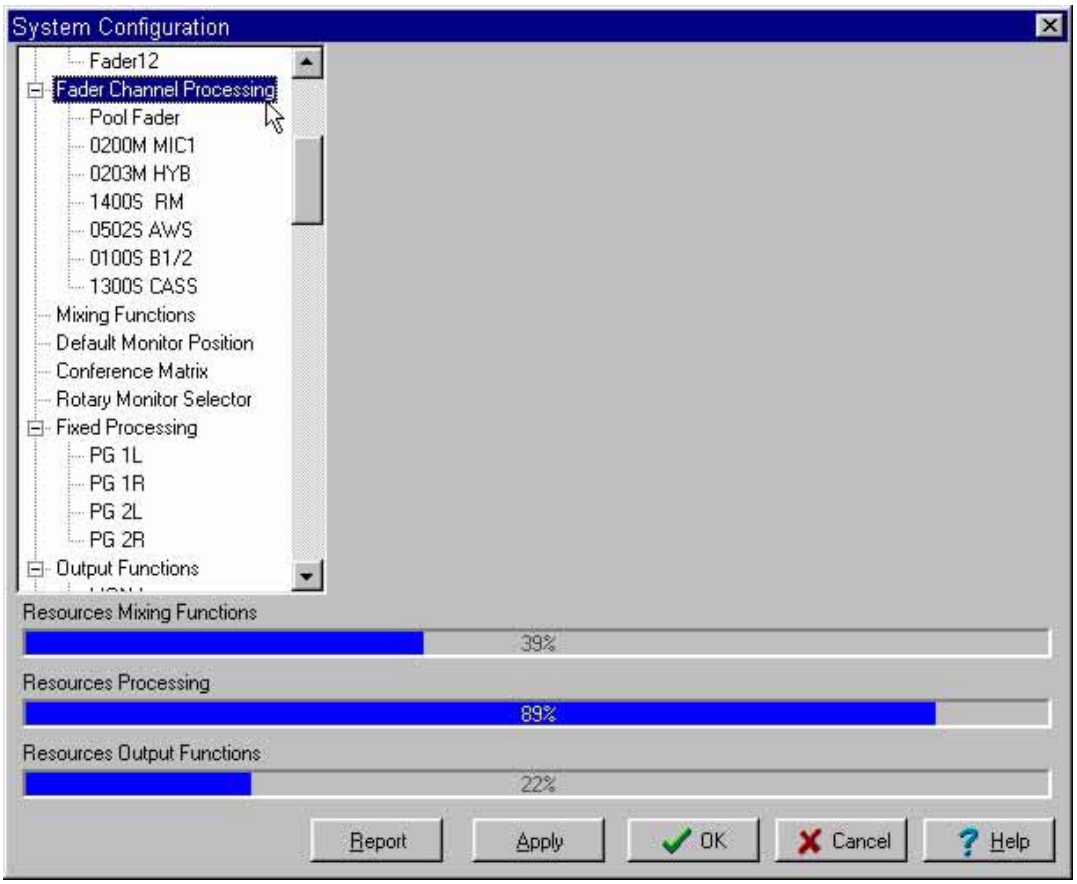


Figure 115:

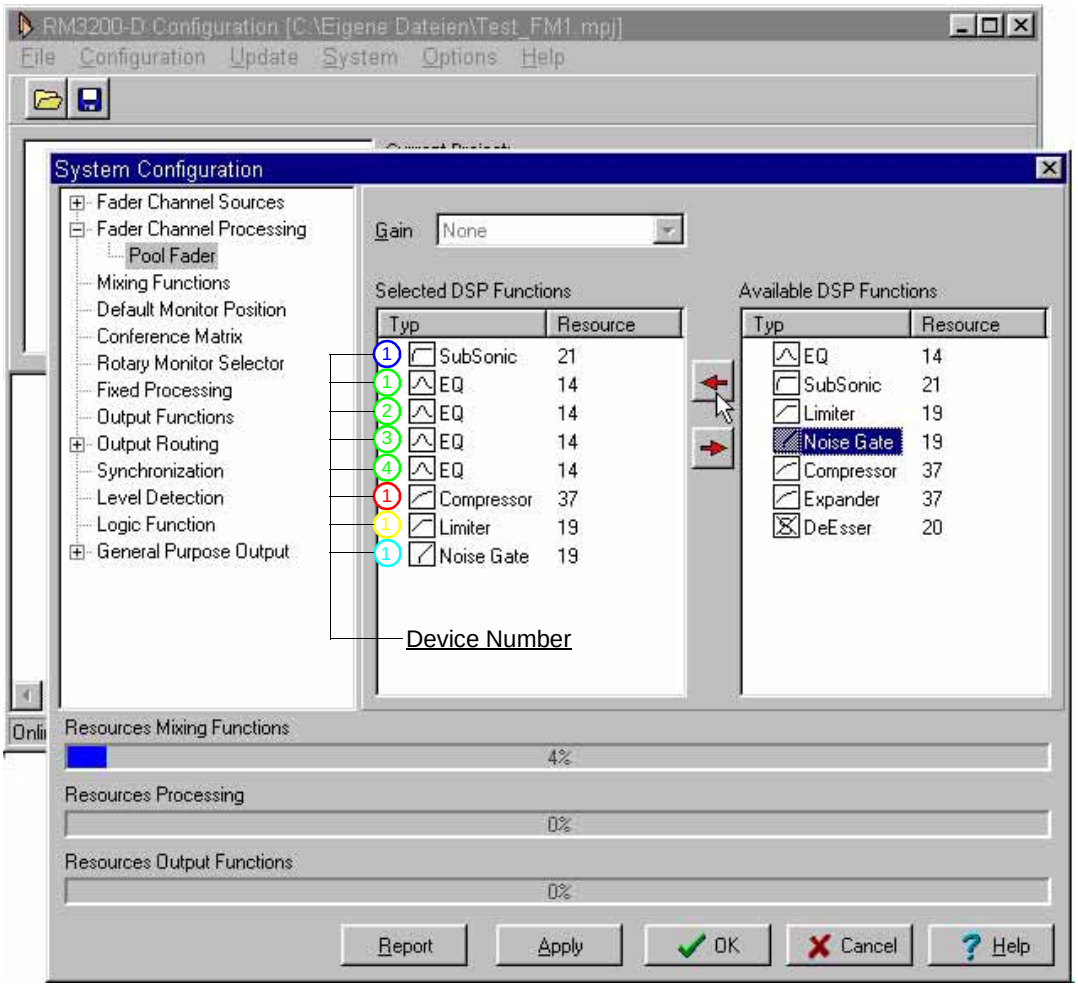

RM3200-D Configuration [C:\Eigene Dateien\Test_FM1.mpj]
File Configuration Update System Options Help
System Configuration
Fader Channel Sources
Fader Channel Processing
Pool Fader
Mixing Functions
Default Monitor Position
Conference Matrix
Rotary Monitor Selector
Fixed Processing
Output Functions
Output Routing
Synchronization
Level Detection
Logic Function
General Purpose Output
Gain None
Selected DSP Functions
Typ Resource
1 SubSonic 21
1 EQ 14
2 EQ 14
3 EQ 14
4 EQ 14
1 Compressor 37
1 Limiter 19
1 Noise Gate 19
Available DSP Functions
Typ Resource
EQ 14
SubSonic 21
Limiter 19
Noise Gate 19
Compressor 37
Expander 37
DeEsser 20
Device Number
Resources Mixing Functions
4%
Resources Processing
0%
Resources Output Functions
0%
Report
Apply
OK
Cancel
Help

Figure 116:

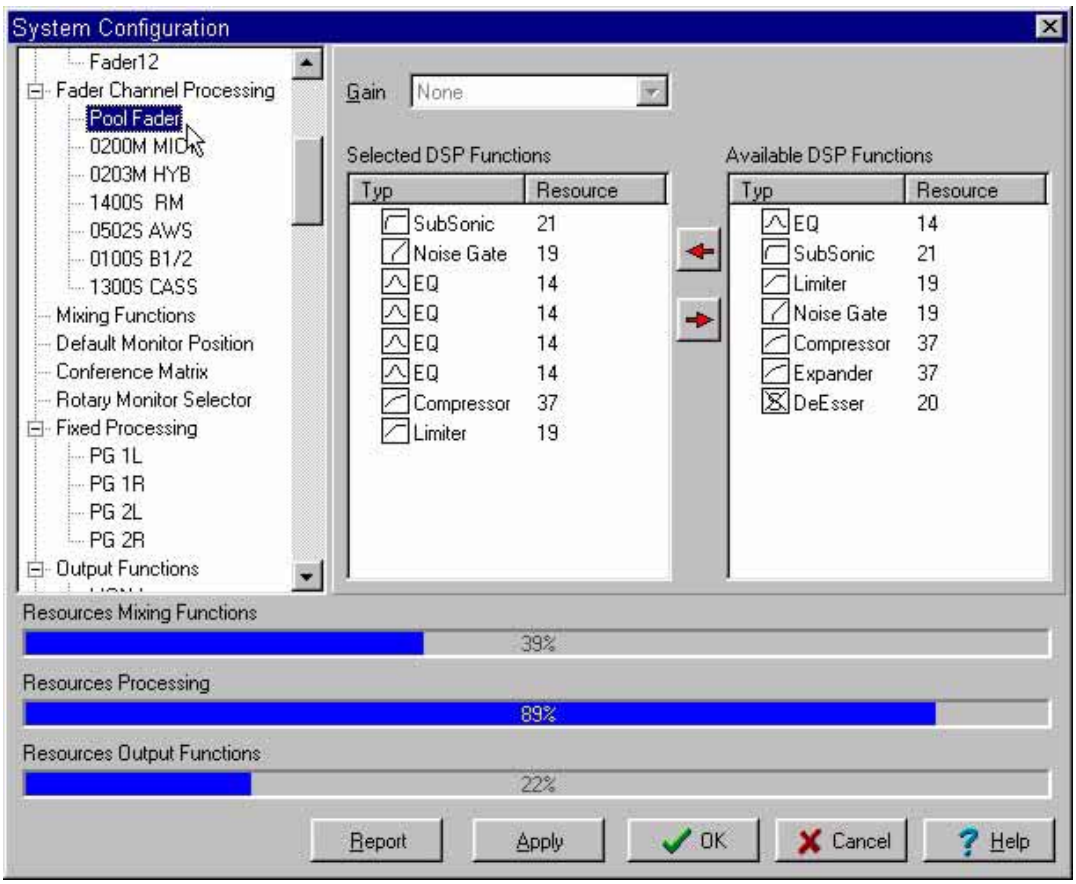

System Configuration
Fader12
Fader Channel Processing
Pool Fader
0200M MIC
0203M HYB
1400S RM
0502S AWS
0100S B1/2
1300S CASS
Mixing Functions
Default Monitor Position
Conference Matrix
Rotary Monitor Selector
Fixed Processing
PG 1L
PG 1R
PG 2L
PG 2R
Output Functions
Gain
None
Selected DSP Functions
Typ
Resource
SubSonic 21
Noise Gate 19
EQ 14
EQ 14
EQ 14
EQ 14
Compressor 37
Limiter 19
Available DSP Functions
Typ
Resource
EQ 14
SubSonic 21
Limiter 19
Noise Gate 19
Compressor 37
Expander 37
DeEsser 20
Resources Mixing Functions
39%
Resources Processing
89%
Resources Output Functions
22%
Report
Apply
OK
Cancel
Help

Figure 117:

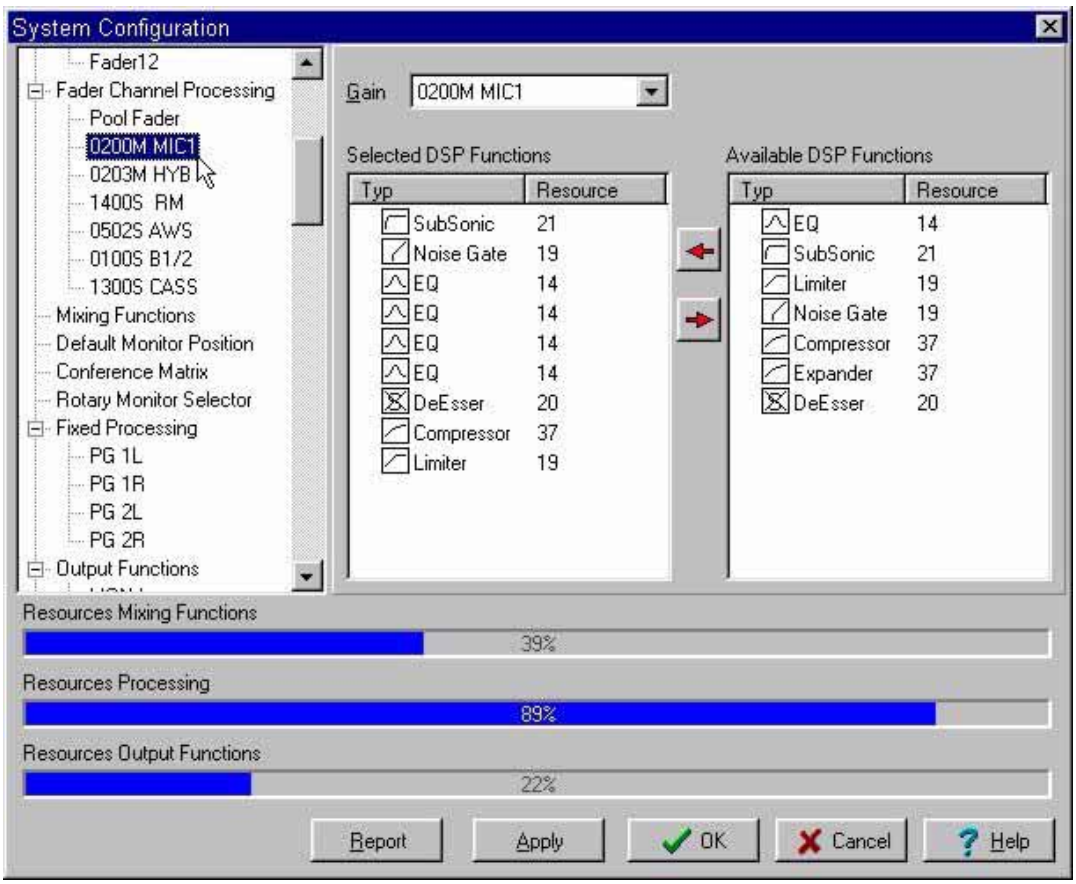

System Configuration
Fader12
Fader Channel Processing
Pool Fader
0200M MIC1
0203M HYB
1400S RM
0502S AWS
0100S B1/2
1300S CASS
Mixing Functions
Default Monitor Position
Conference Matrix
Rotary Monitor Selector
Fixed Processing
PG 1L
PG 1R
PG 2L
PG 2R
Output Functions
Gain
0200M MIC1
Selected DSP Functions
Typ
Resource
SubSonic 21
Noise Gate 19
EQ 14
EQ 14
EQ 14
EQ 14
DeEsser 20
Compressor 37
Limiter 19
Available DSP Functions
Typ
Resource
EQ 14
SubSonic 21
Limiter 19
Noise Gate 19
Compressor 37
Expander 37
DeEsser 20
Resources Mixing Functions
39%
Resources Processing
89%
Resources Output Functions
22%
Report
Apply
OK
Cancel
Help

Figure 118:

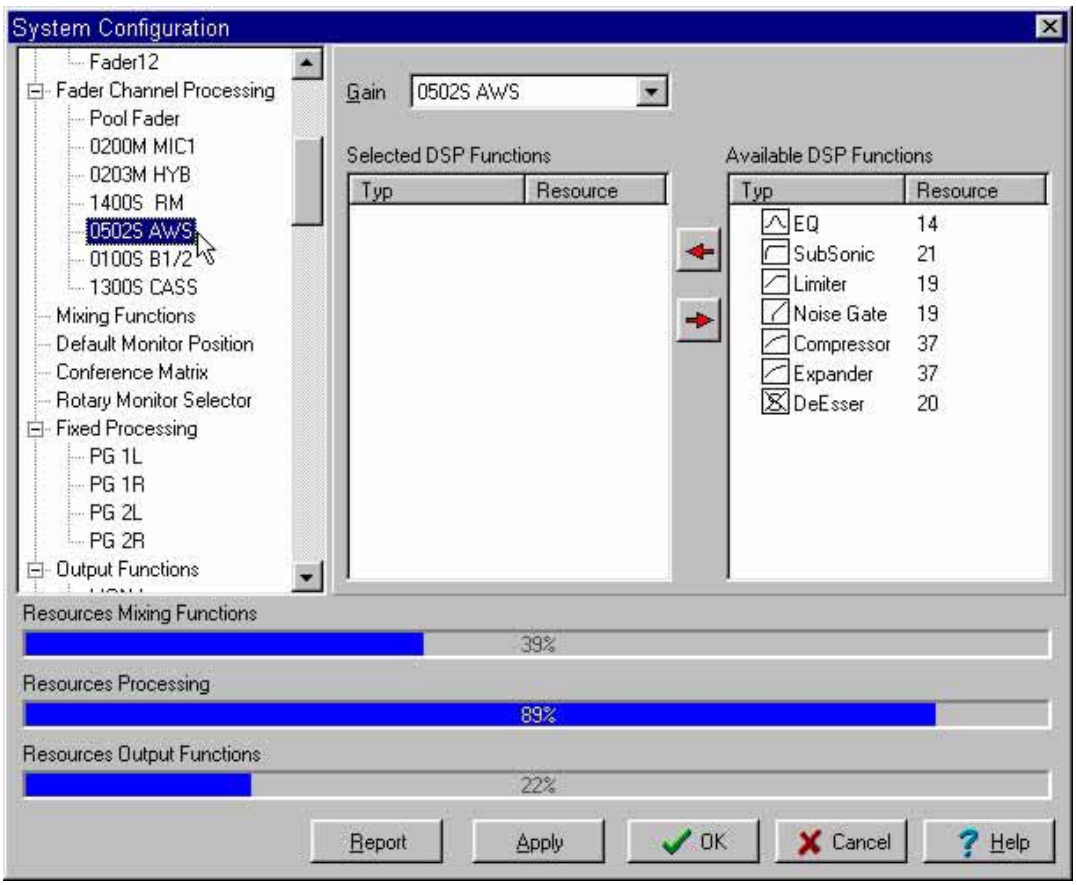

System Configuration
Fader12
Fader Channel Processing
Pool Fader
0200M MIC1
0203M HYB
1400S RM
0502S AWS
0100S B1/2
1300S CASS
Mixing Functions
Default Monitor Position
Conference Matrix
Rotary Monitor Selector
Fixed Processing
PG 1L
PG 1R
PG 2L
PG 2R
Output Functions
Gain
0502S AWS
Selected DSP Functions
Typ
Resource
Available DSP Functions
Typ
Resource
EQ 14
SubSonic 21
Limiter 19
Noise Gate 19
Compressor 37
Expander 37
DeEsser 20
Resources Mixing Functions
39%
Resources Processing
89%
Resources Output Functions
22%
Report
Apply
OK
Cancel
Help

Figure 119:

4.4.3 Mixing Functions

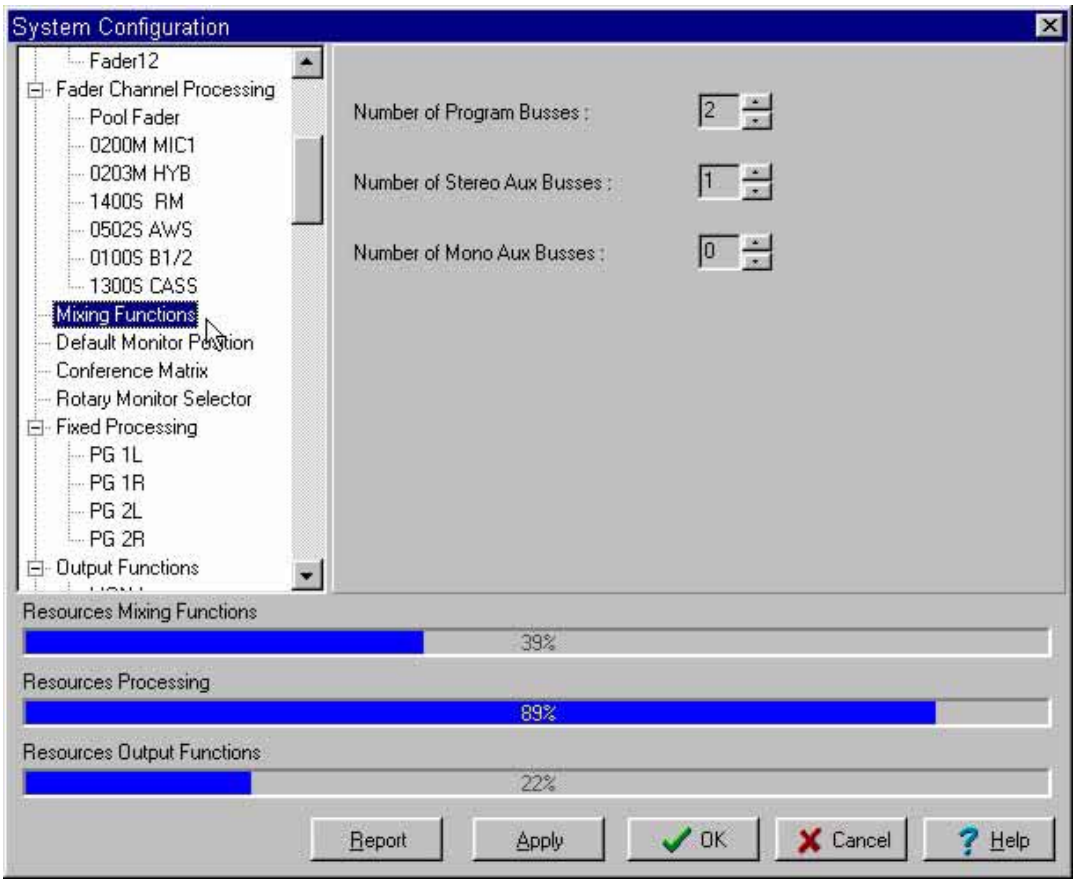


Figure 120:

4.4.4 Default Monitor Position

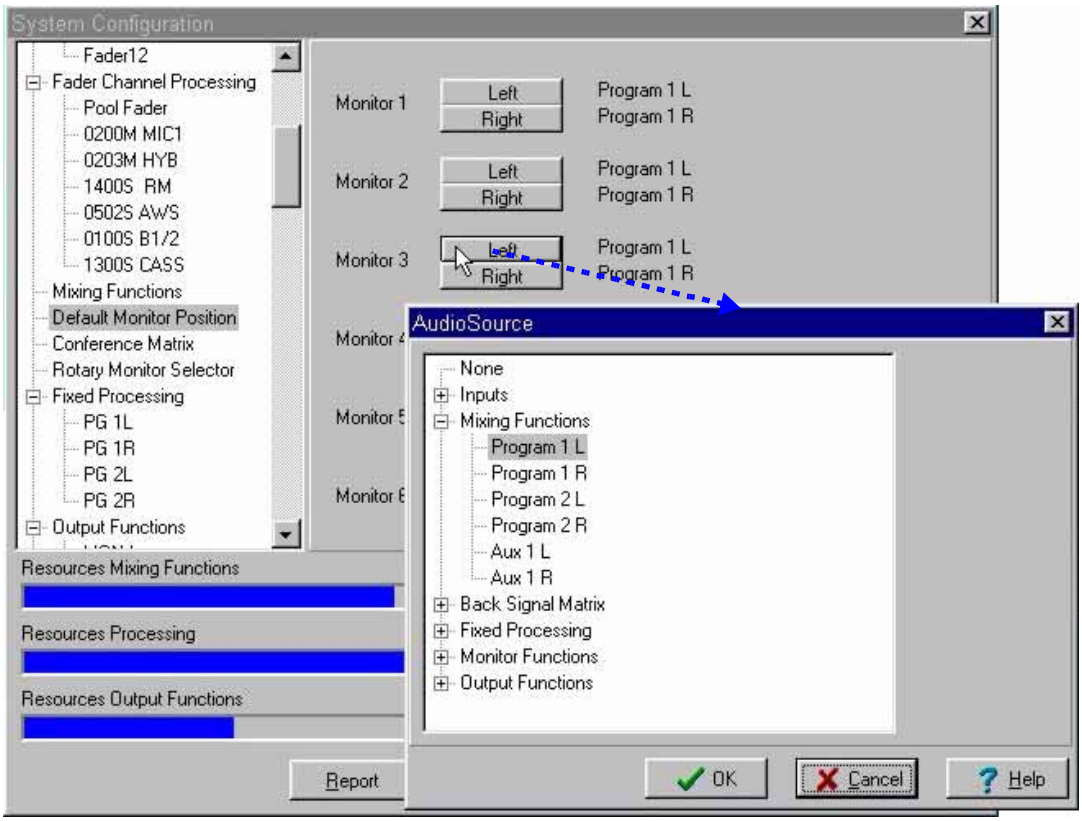


Figure 121:

4.4.5 Conference Matrix

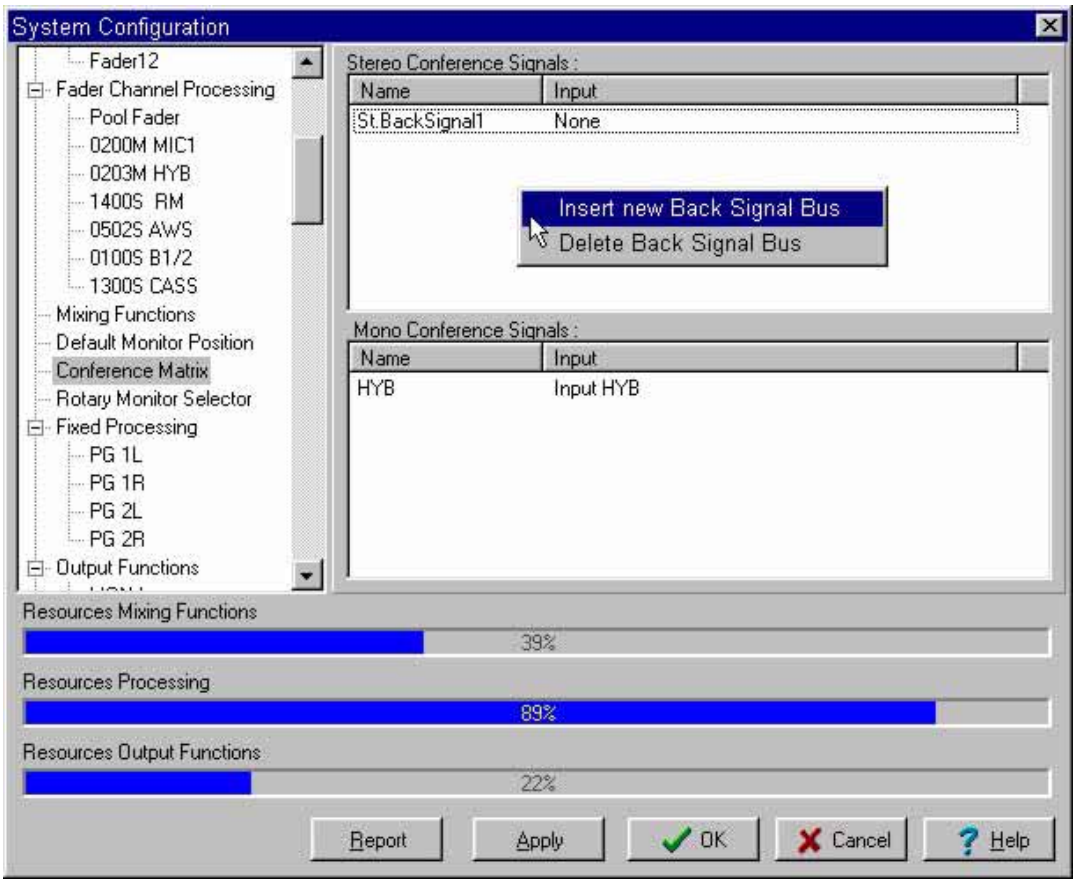


Figure 122:

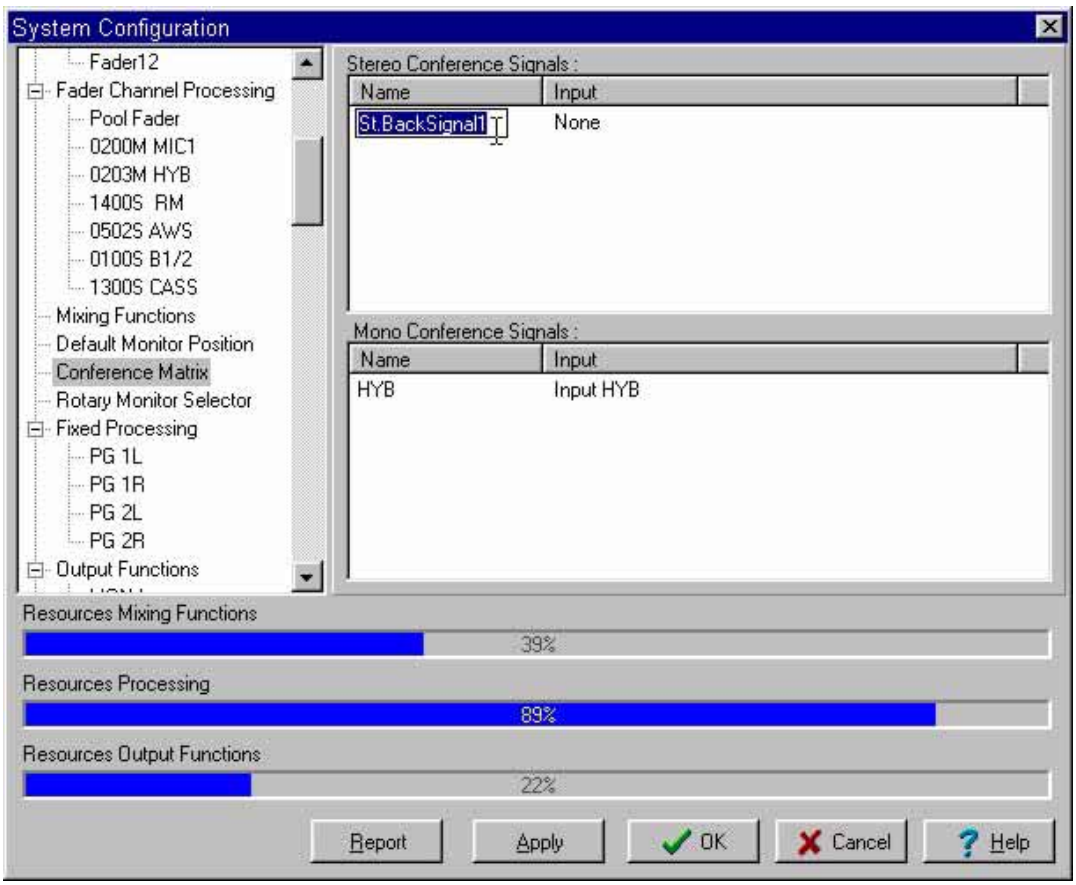

System Configuration
Fader12
Fader Channel Processing
Pool Fader
0200M MIC1
0203M HYB
1400S RM
0502S AWS
0100S B1/2
1300S CASS
Mixing Functions
Default Monitor Position
Conference Matrix
Rotary Monitor Selector
Fixed Processing
PG 1L
PG 1R
PG 2L
PG 2R
Output Functions
Stereo Conference Signals :
Name
Input
St.BackSignal1
None
Mono Conference Signals :
Name
Input
HYB
Input HYB
Resources Mixing Functions
39%
Resources Processing
89%
Resources Output Functions
22%
Report
Apply
OK
Cancel
Help

Figure 123:

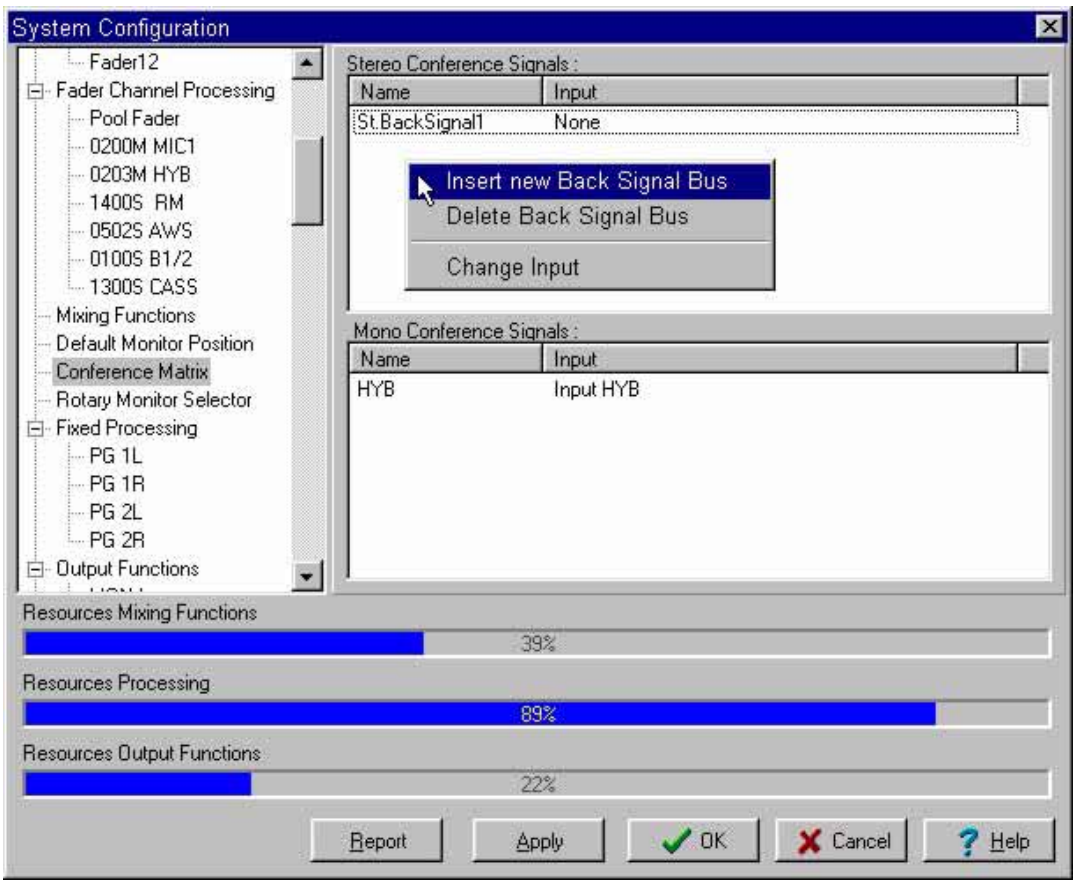

System Configuration
Fader12
Fader Channel Processing
Pool Fader
0200M MIC1
0203M HYB
1400S RM
0502S AWS
0100S B1/2
1300S CASS
Mixing Functions
Default Monitor Position
Conference Matrix
Rotary Monitor Selector
Fixed Processing
PG 1L
PG 1R
PG 2L
PG 2R
Output Functions
Stereo Conference Signals :
Name
Input
St.BackSignal1
None
Insert new Back Signal Bus
Delete Back Signal Bus
Change Input
Mono Conference Signals :
Name
Input
HYB
Input HYB
Resources Mixing Functions
39%
Resources Processing
89%
Resources Output Functions
22%
Report
Apply
OK
Cancel
Help

Figure 124:

4.4.6 Rotary Monitor Selector

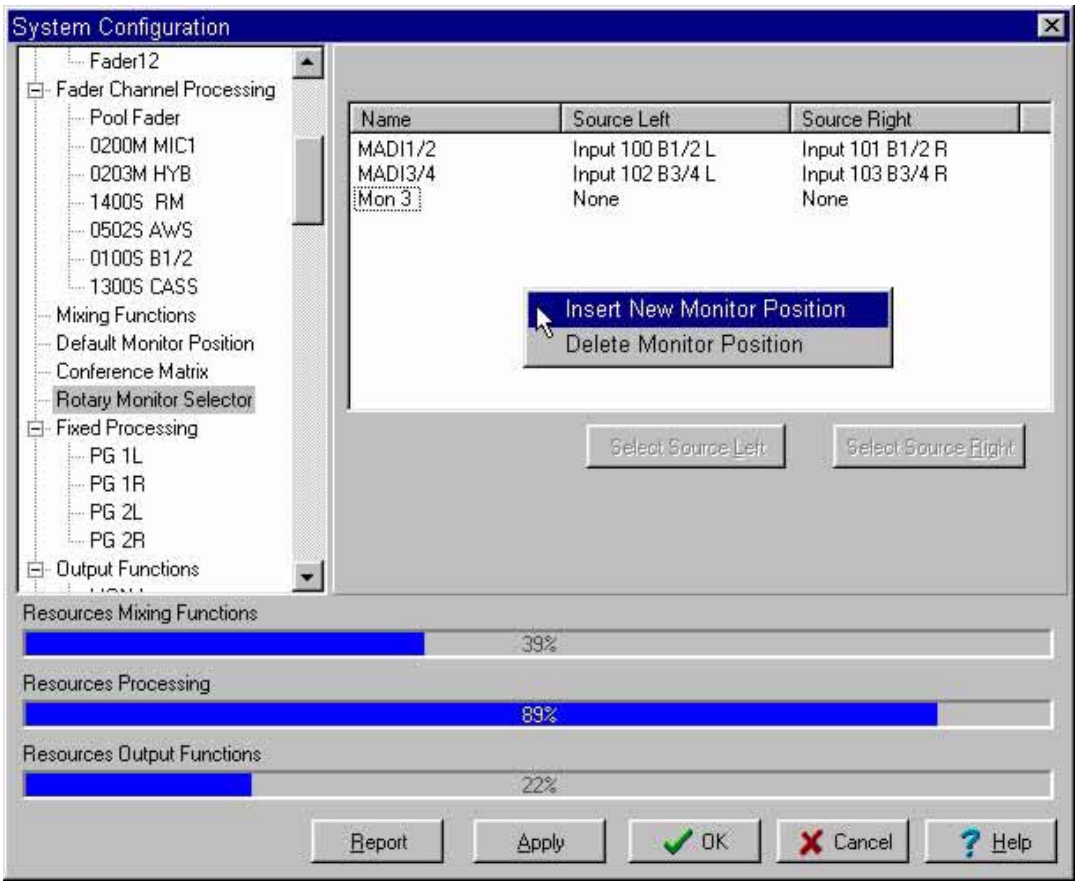


Figure 125:

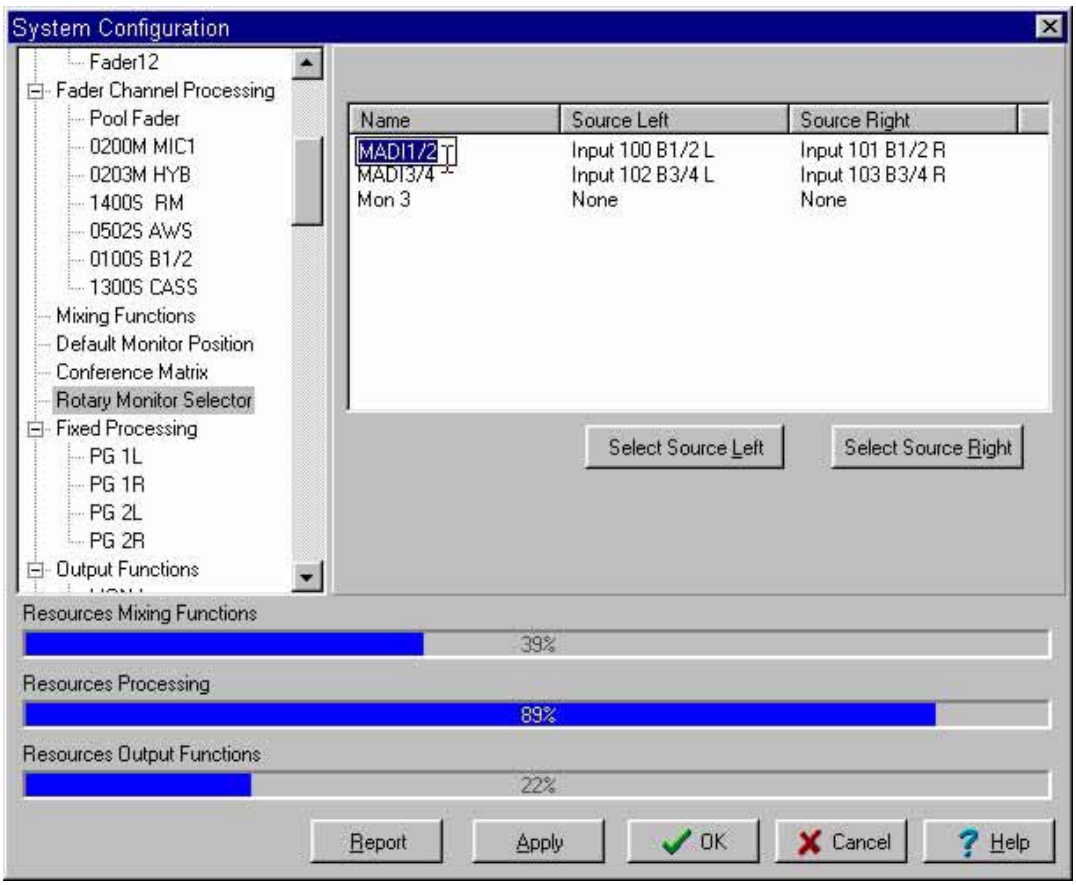

System Configuration
Fader12
Fader Channel Processing
Pool Fader
0200M MIC1
0203M HYB
1400S RM
0502S AWS
0100S B1/2
1300S CASS
Mixing Functions
Default Monitor Position
Conference Matrix
Rotary Monitor Selector
Fixed Processing
PG 1L
PG 1R
PG 2L
PG 2R
Output Functions
Name
Source Left
Source Right
MADI1/2
Input 100 B1/2 L
Input 101 B1/2 R
MADI3/4
Input 102 B3/4 L
Input 103 B3/4 R
Mon 3
None
None
Select Source Left
Select Source Right
Resources Mixing Functions
39%
Resources Processing
89%
Resources Output Functions
22%
Report
Apply
OK
Cancel
Help

Figure 126:

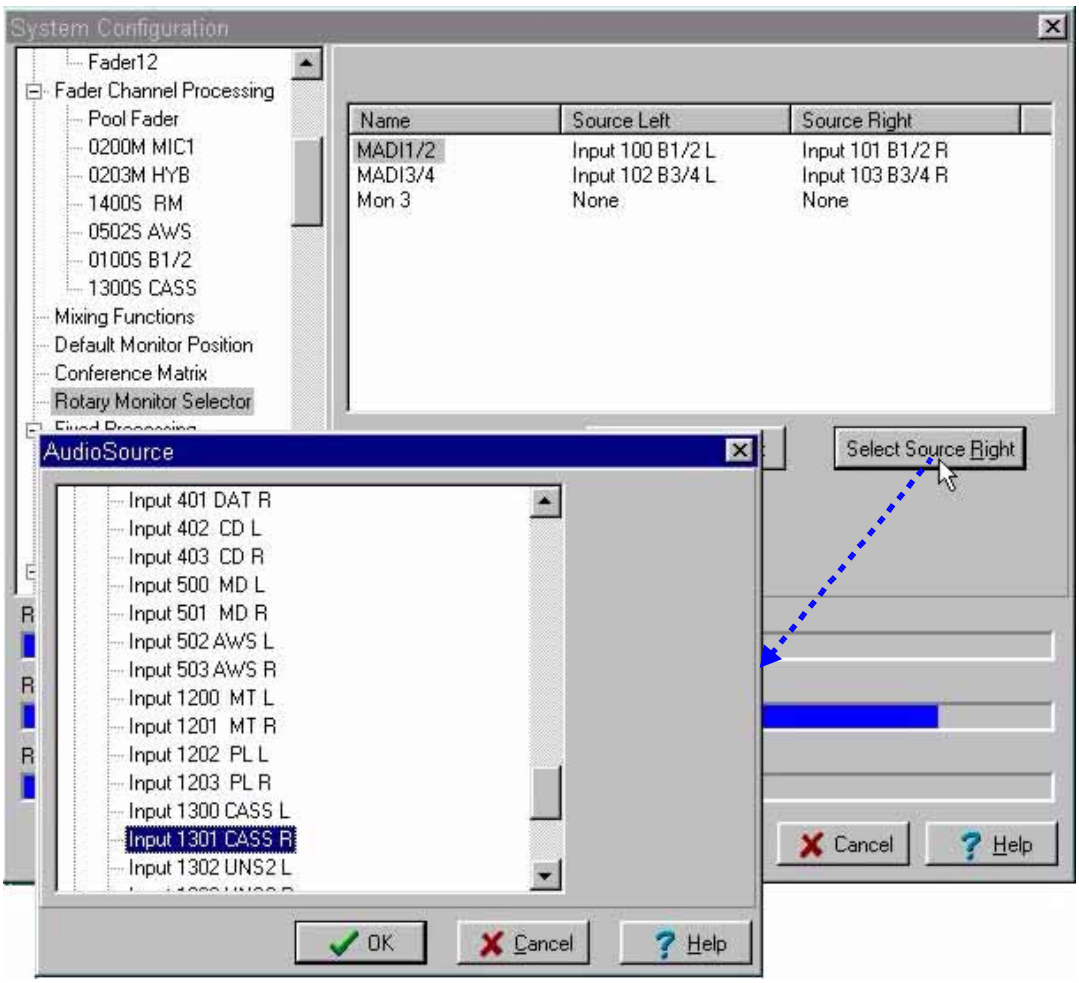

System Configuration
Fader12
Fader Channel Processing
Pool Fader
0200M MIC1
0203M HYB
1400S RM
0502S AWS
0100S B1/2
1300S CASS
Mixing Functions
Default Monitor Position
Conference Matrix
Rotary Monitor Selector
Name
Source Left
Source Right
MADI1/2
Input 100 B1/2 L
Input 101 B1/2 R
MADI3/4
Input 102 B3/4 L
Input 103 B3/4 R
Mon 3
None
None
Select Source Right
AudioSource
Input 401 DAT R
Input 402 CD L
Input 403 CD R
Input 500 MD L
Input 501 MD R
Input 502 AWS L
Input 503 AWS R
Input 1200 MT L
Input 1201 MT R
Input 1202 PL L
Input 1203 PL R
Input 1300 CASS L
Input 1301 CASS R
Input 1302 UNS2 L
OK
Cancel
Help
Cancel
Help

Figure 127:

4.4.7 Fixed Processing

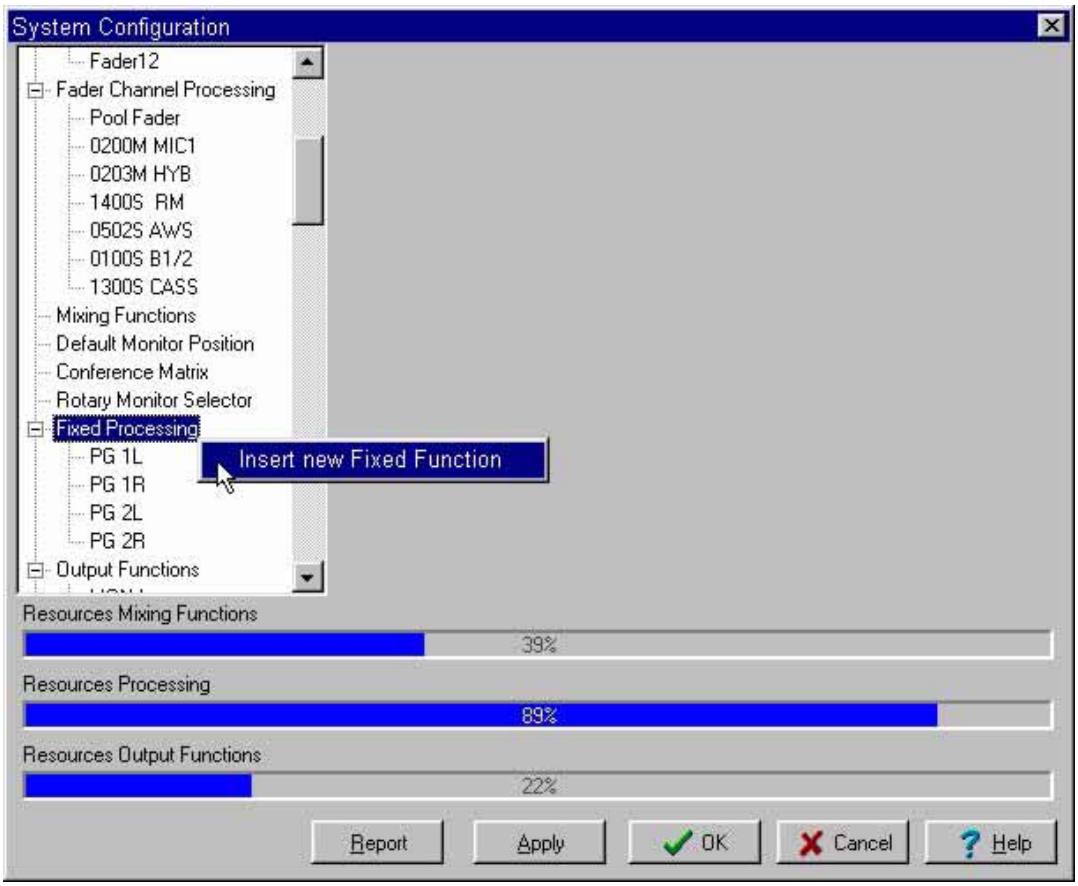


Figure 128:

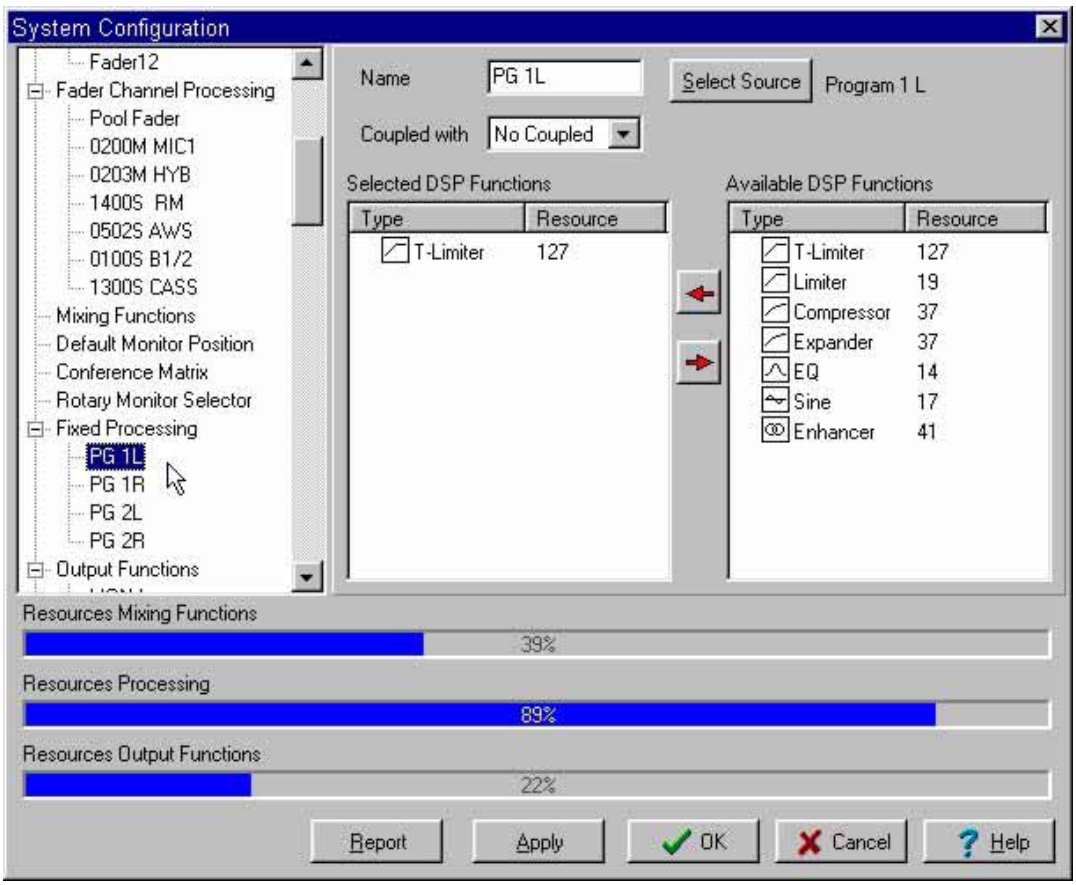

System Configuration
Fader12
Fader Channel Processing
Pool Fader
0200M MIC1
0203M HYB
1400S RM
0502S AWS
0100S B1/2
1300S CASS
Mixing Functions
Default Monitor Position
Conference Matrix
Rotary Monitor Selector
Fixed Processing
PG 1L
PG 1R
PG 2L
PG 2R
Output Functions
Name
PG 1L
Select Source
Program 1 L
Coupled with
No Coupled
Selected DSP Functions
Type
Resource
T-Limiter
127
Available DSP Functions
Type
Resource
T-Limiter
127
Limiter
19
Compressor
37
Expander
37
EQ
14
Sine
17
Enhancer
41
Resources Mixing Functions
39%
Resources Processing
89%
Resources Output Functions
22%
Report
Apply
OK
Cancel
Help

Figure 129:

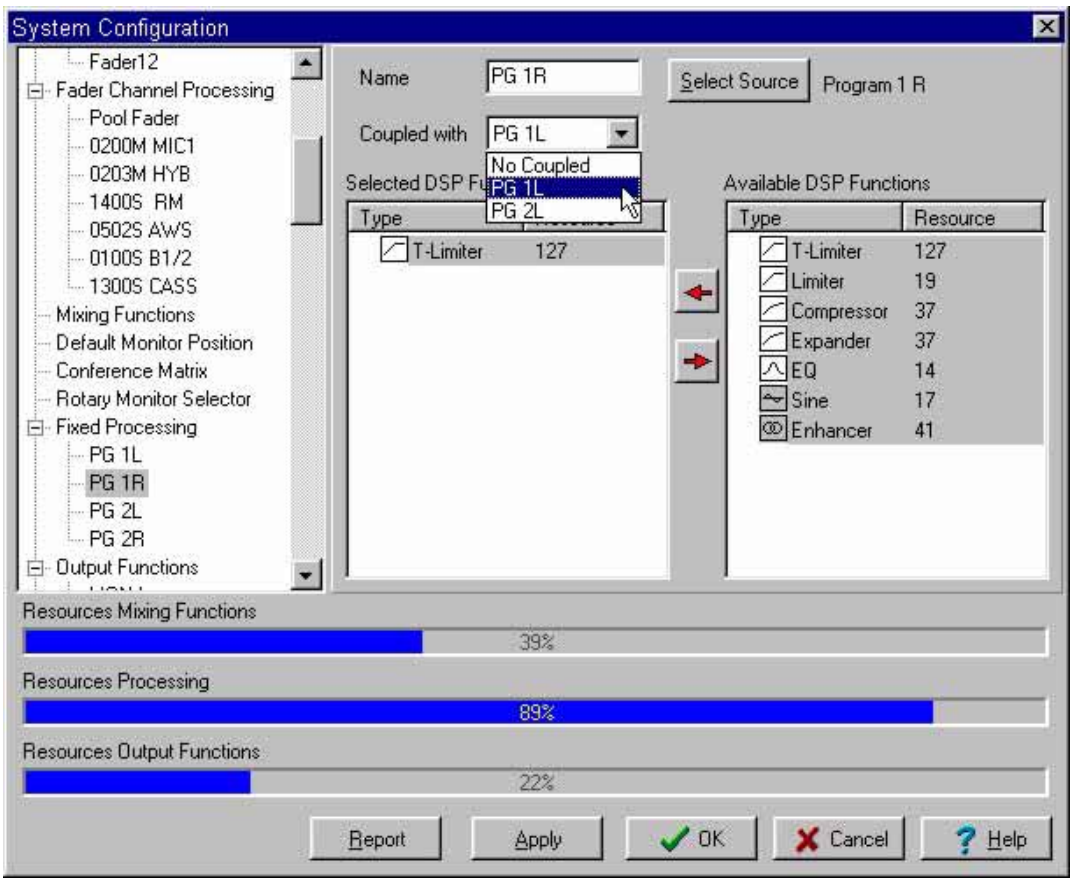

System Configuration
Fader12
Fader Channel Processing
Pool Fader
0200M MIC1
0203M HYB
1400S RM
0502S AWS
0100S B1/2
1300S CASS
Mixing Functions
Default Monitor Position
Conference Matrix
Rotary Monitor Selector
Fixed Processing
PG 1L
PG 1R
PG 2L
PG 2R
Output Functions
Name
PG 1R
Select Source
Program 1 R
Coupled with
PG 1L
No Coupled
PG 1L
PG 2L
Selected DSP Fu
Type
T-Limiter 127
Available DSP Functions
Type
Resource
T-Limiter 127
Limiter 19
Compressor 37
Expander 37
EQ 14
Sine 17
Enhancer 41
Resources Mixing Functions
39%
Resources Processing
89%
Resources Output Functions
22%
Report
Apply
OK
Cancel
Help

Figure 130:

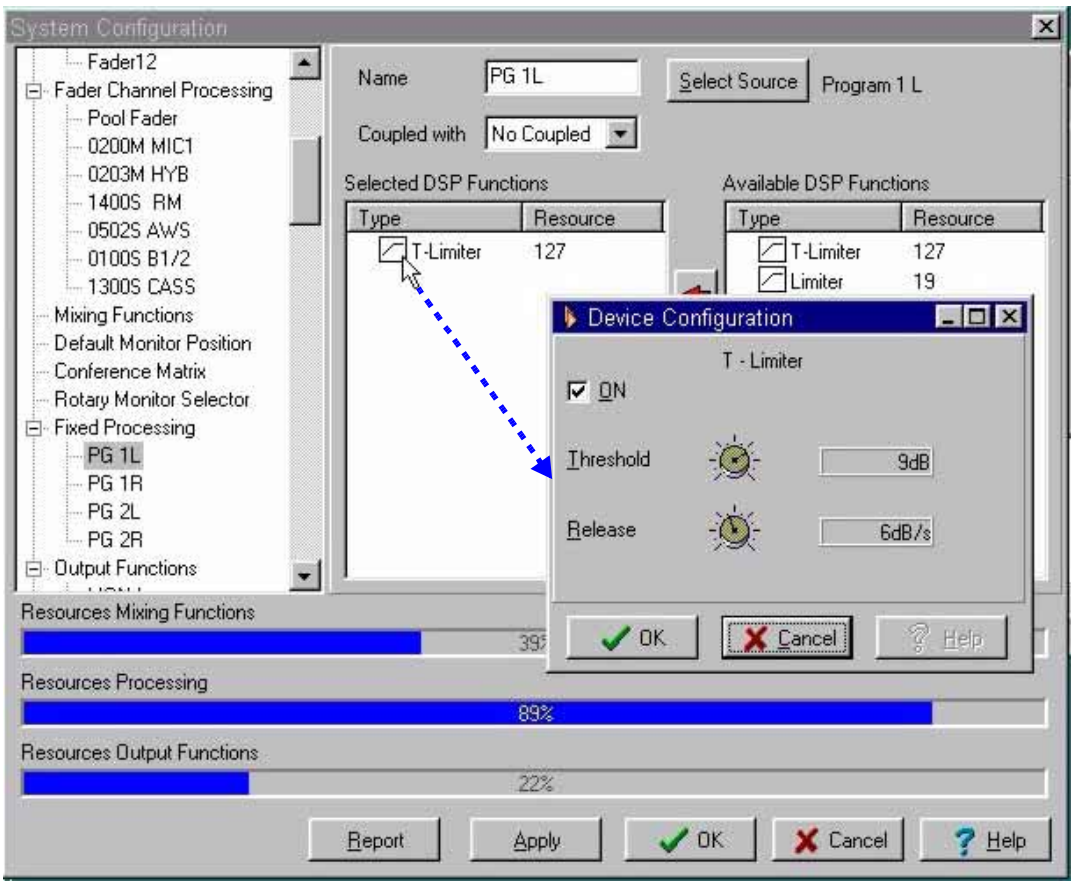

System Configuration
Fader12
Fader Channel Processing
Pool Fader
0200M MIC1
0203M HYB
1400S RM
0502S AWS
0100S B1/2
1300S CASS
Mixing Functions
Default Monitor Position
Conference Matrix
Rotary Monitor Selector
Fixed Processing
PG 1L
PG 1R
PG 2L
PG 2R
Output Functions
Name
PG 1L
Select Source
Program 1 L
Coupled with
No Coupled
Selected DSP Functions
Type
Resource
T-Limiter
127
Available DSP Functions
Type
Resource
T-Limiter
127
Limiter
19
Device Configuration
T - Limiter
ON
Threshold
9dB
Release
6dB/s
OK
Cancel
Help
Resources Mixing Functions
Resources Processing
89%
Resources Output Functions
22%
Report
Apply
OK
Cancel
Help

Figure 131:

4.4.8 Output Functions

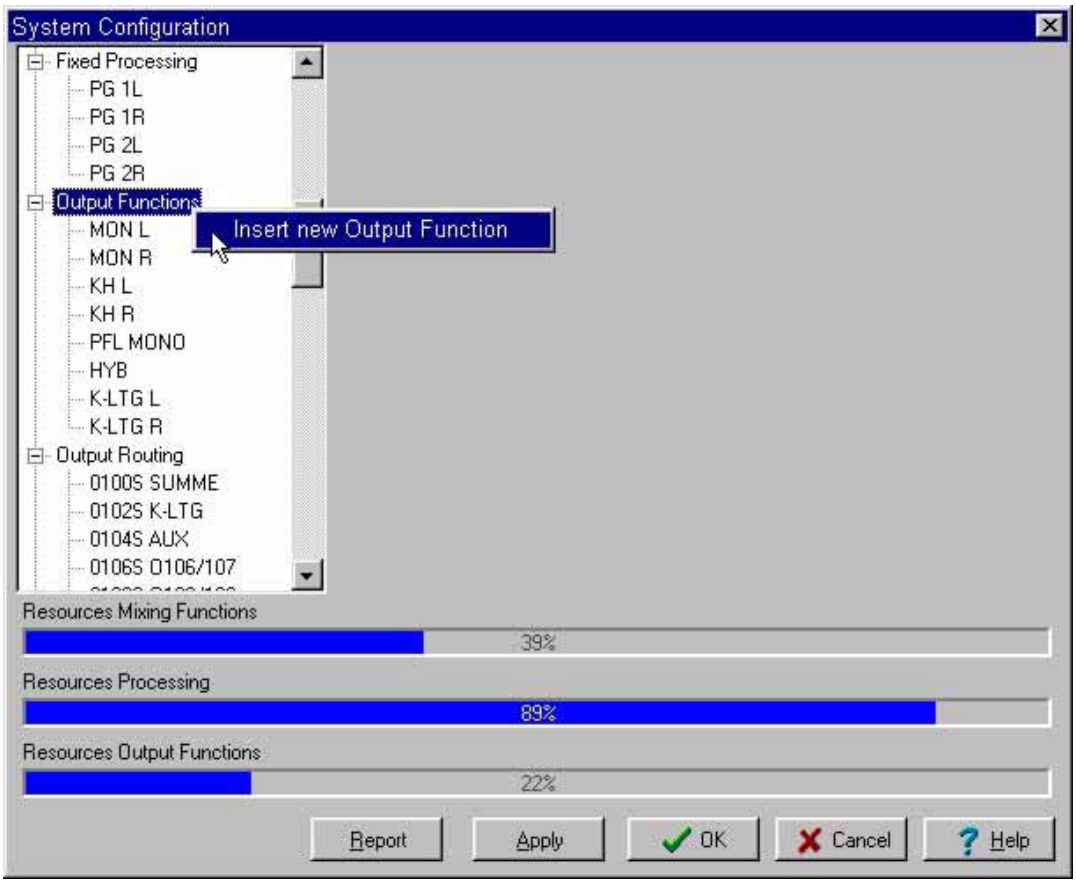


Figure 132:

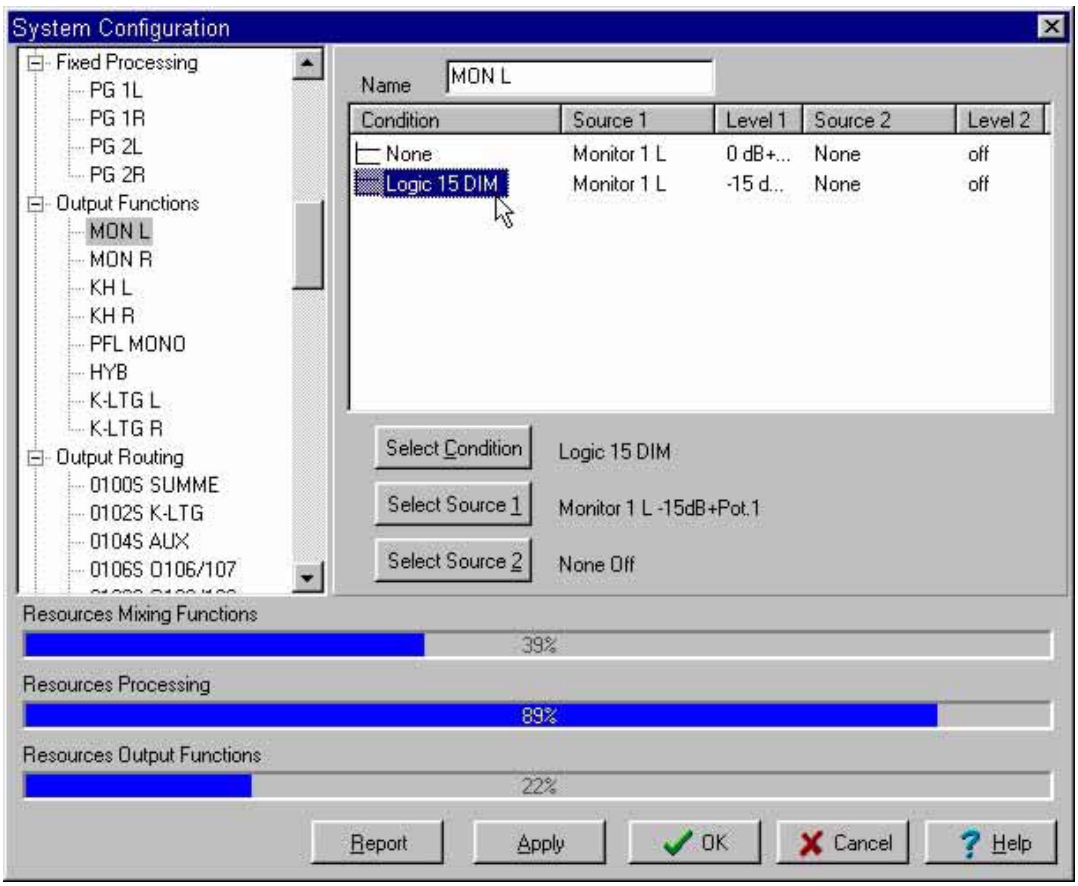

System Configuration
Fixed Processing
PG 1L
PG 1R
PG 2L
PG 2R
Output Functions
MON L
MON R
KH L
KH R
PFL MONO
HYB
K-LTG L
K-LTG R
Output Routing
0100S SUMME
0102S K-LTG
0104S AUX
0106S 0106/107
Name
MON L
Condition
Source 1
Level 1
Source 2
Level 2
None
Monitor 1 L
0 dB+...
None
off
Logic 15 DIM
Monitor 1 L
-15 d...
None
off
Select Condition
Logic 15 DIM
Select Source 1
Monitor 1 L -15dB+Pot.1
Select Source 2
None Off
Resources Mixing Functions
39%
Resources Processing
89%
Resources Output Functions
22%
Report
Apply
OK
Cancel
Help

Figure 133:

4.4.9 Output Routing

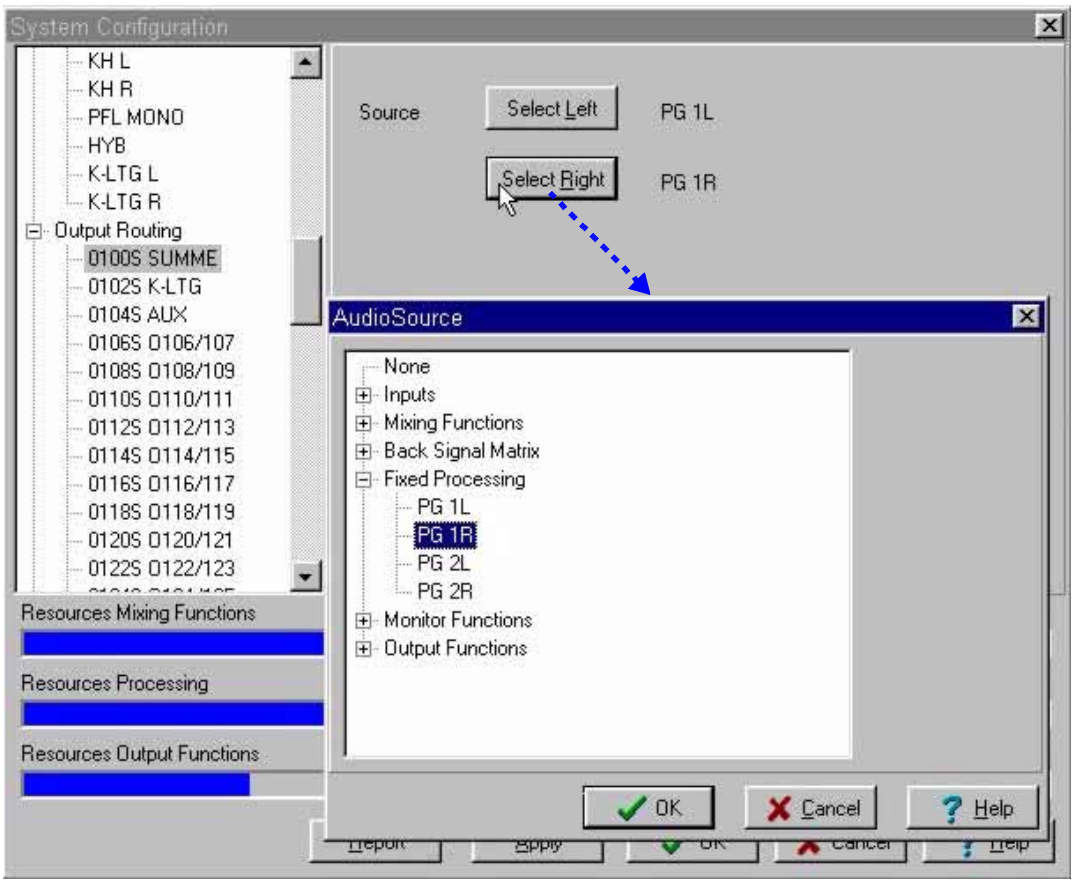


Figure 134:

4.4.10 Synchronization

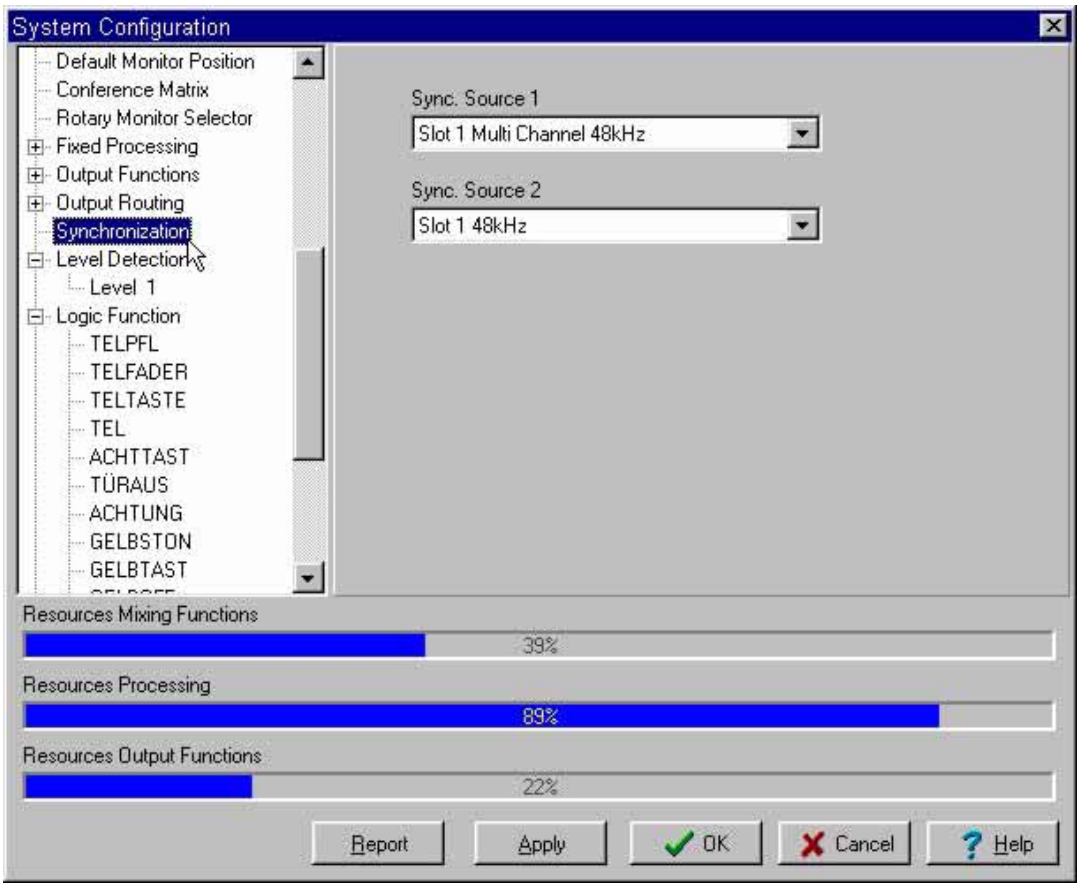


Figure 135:

4.4.11 Level Detection

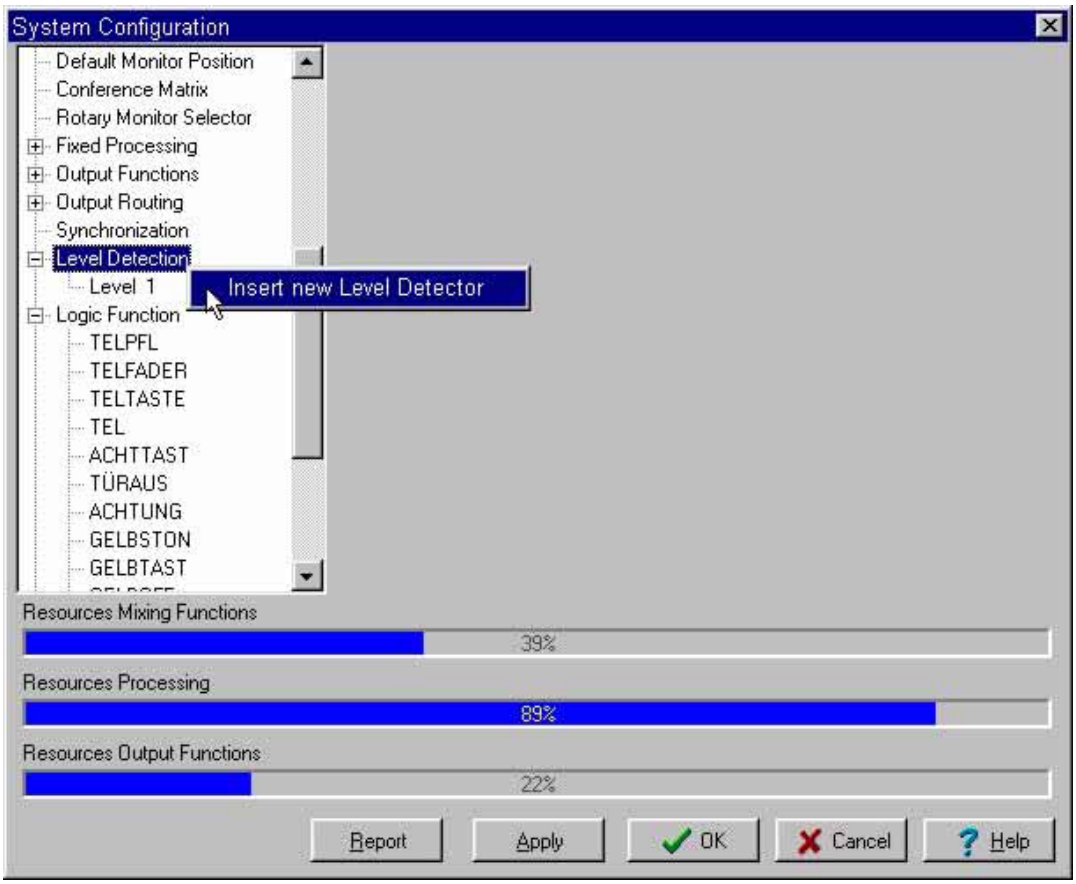


Figure 136:

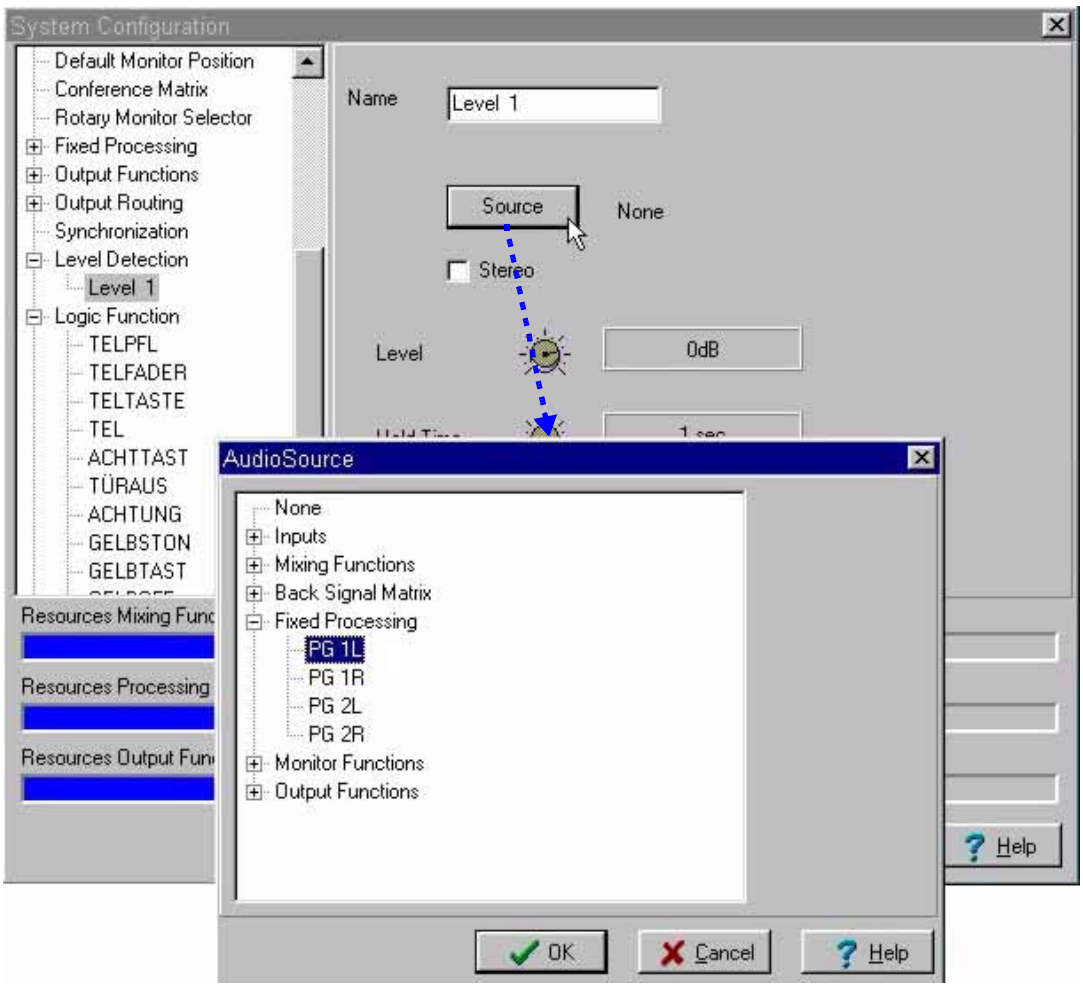

System Configuration
Default Monitor Position
Conference Matrix
Rotary Monitor Selector
Fixed Processing
Output Functions
Output Routing
Synchronization
Level Detection
Level 1
Logic Function
TELPFL
TELFADER
TELTASTE
TEL
ACHTTAST
TÜRAUS
ACHTUNG
GELBSTON
GELBTAST
Resources Mixing Func
Resources Processing
Resources Output Fun
Name
Level 1
Source
None
Stereo
Level
0dB
Help
AudioSource
None
Inputs
Mixing Functions
Back Signal Matrix
Fixed Processing
PG 1L
PG 1R
PG 2L
PG 2R
Monitor Functions
Output Functions
OK
Cancel
Help

Figure 137:

4.4.12 Logic Function

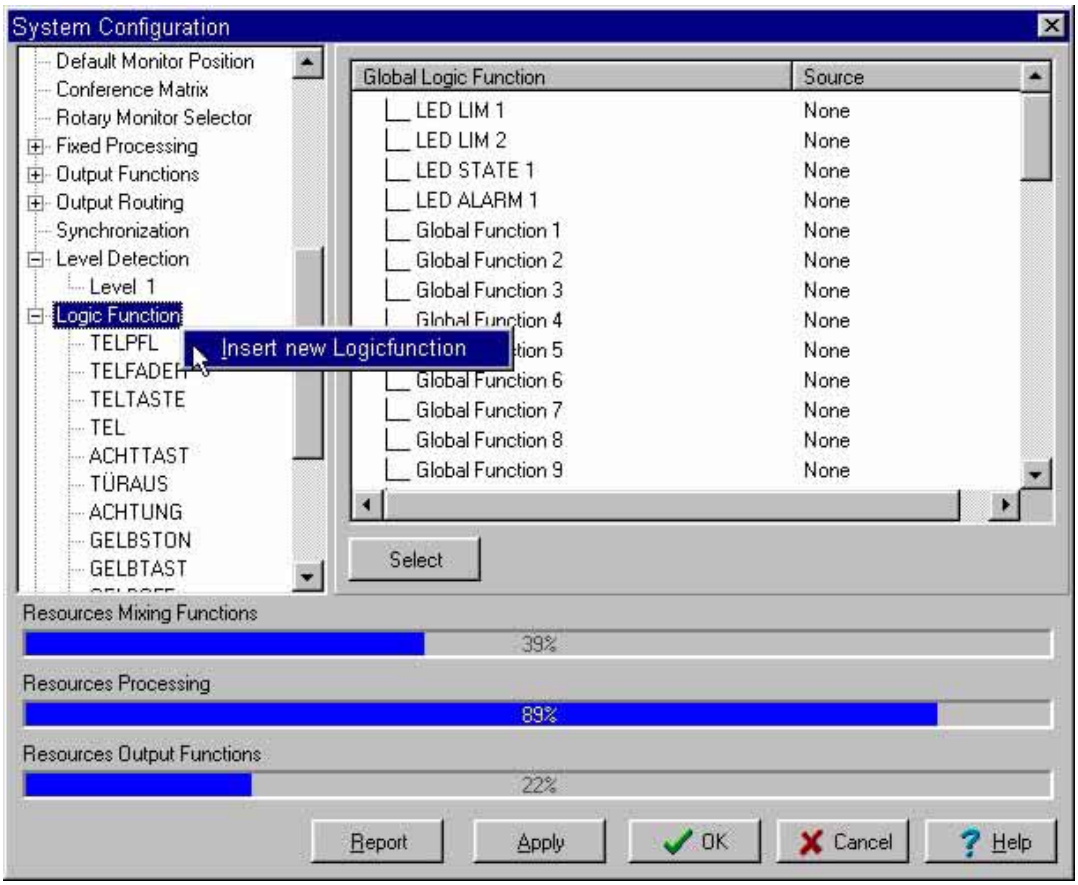


Figure 138:

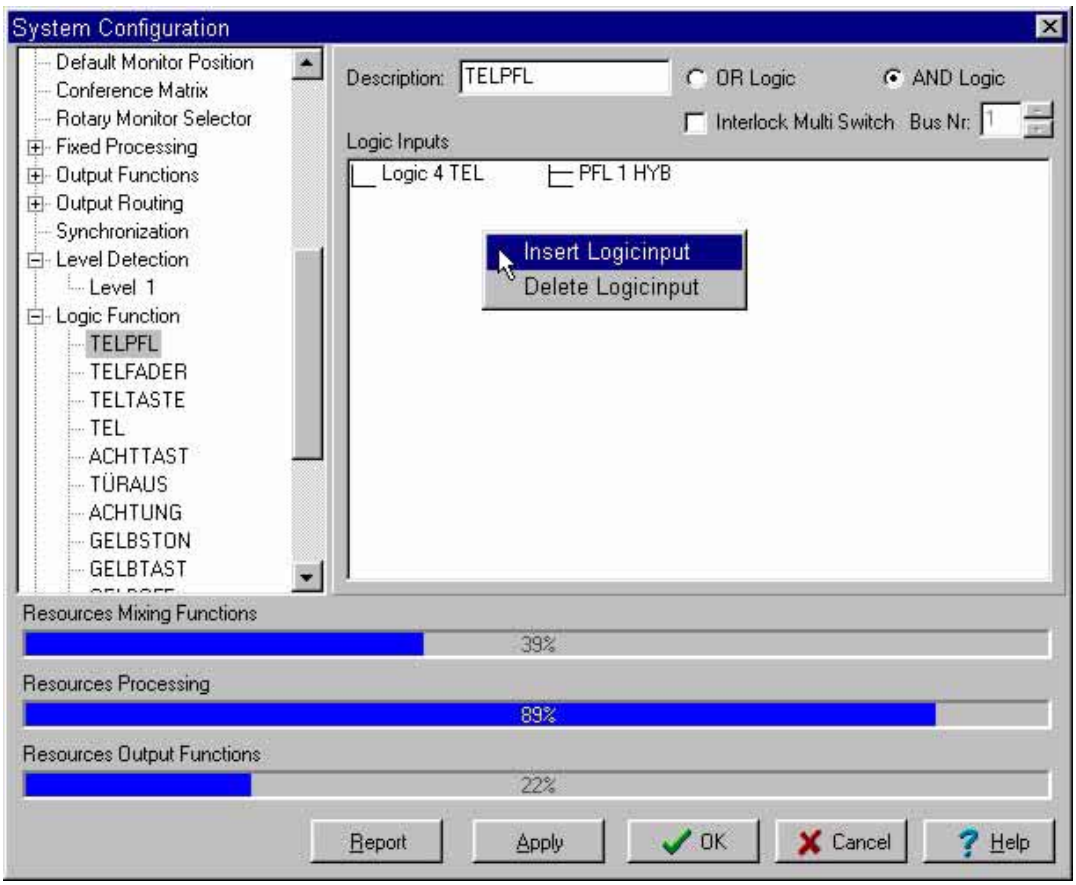

System Configuration
Default Monitor Position
Conference Matrix
Rotary Monitor Selector
Fixed Processing
Output Functions
Output Routing
Synchronization
Level Detection
Level 1
Logic Function
TELPFL
TELFADER
TELTASTE
TEL
ACHTTAST
TÜRAUS
ACHTUNG
GELBSTON
GELBTAST
Description: TELPFL
OR Logic
AND Logic
Interlock Multi Switch
Bus Nr: 1
Logic Inputs
Logic 4 TEL
PFL 1 HYB
Insert Logicinput
Delete Logicinput
Resources Mixing Functions
39%
Resources Processing
89%
Resources Output Functions
22%
Report
Apply
OK
Cancel
Help

Figure 139:

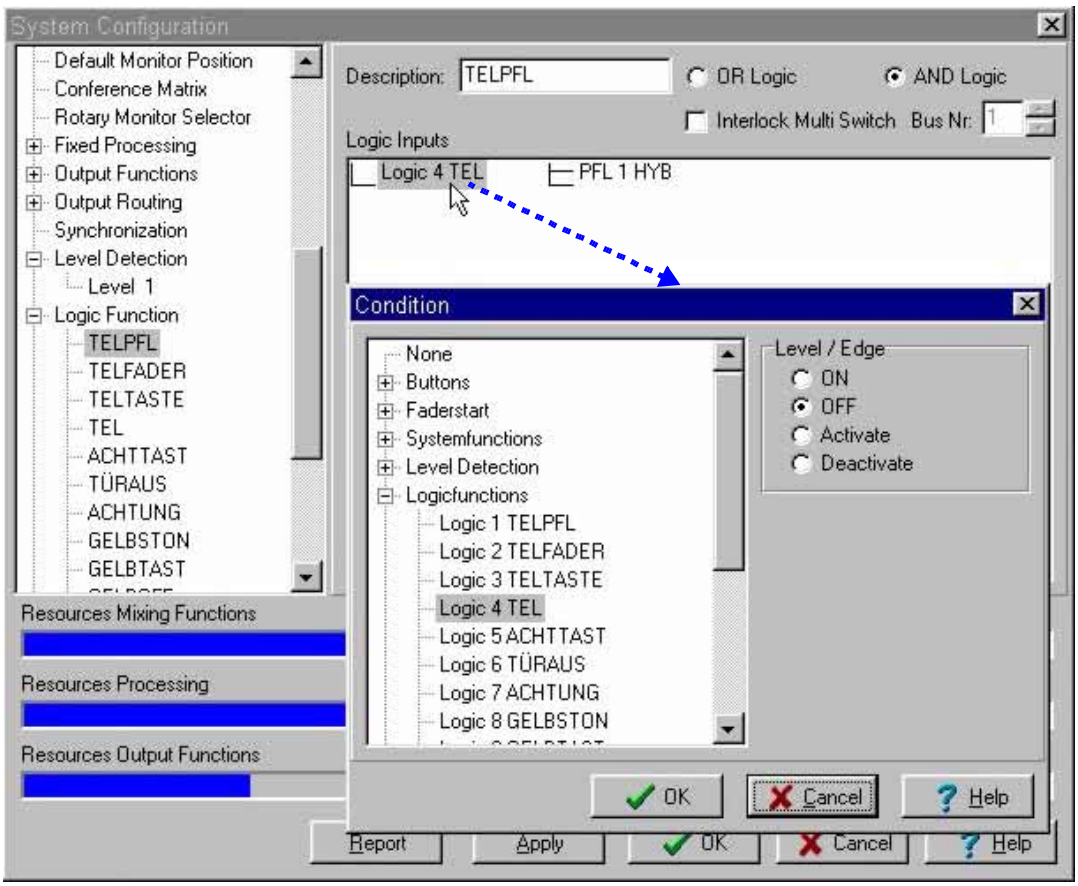

System Configuration
Default Monitor Position
Conference Matrix
Rotary Monitor Selector
Fixed Processing
Output Functions
Output Routing
Synchronization
Level Detection
Level 1
Logic Function
TELPFL
TELFADER
TELTASTE
TEL
ACHTTAST
TÜRAUS
ACHTUNG
GELBSTON
GELBTAST
Resources Mixing Functions
Resources Processing
Resources Output Functions
Description: TELPFL
OR Logic
AND Logic
Interlock Multi Switch
Bus Nr: 1
Logic Inputs
Logic 4 TEL
PFL 1 HYB
Condition
None
Buttons
Faderstart
Systemfunctions
Level Detection
Logicfunctions
Logic 1 TELPFL
Logic 2 TELFADER
Logic 3 TELTASTE
Logic 4 TEL
Logic 5 ACHTTAST
Logic 6 TÜRAUS
Logic 7 ACHTUNG
Logic 8 GELBSTON
Level / Edge
ON
OFF
Activate
Deactivate
OK
Cancel
Help
Report
Apply
OK
Cancel
Help

Figure 140:

4.4.13 General Purpose Output

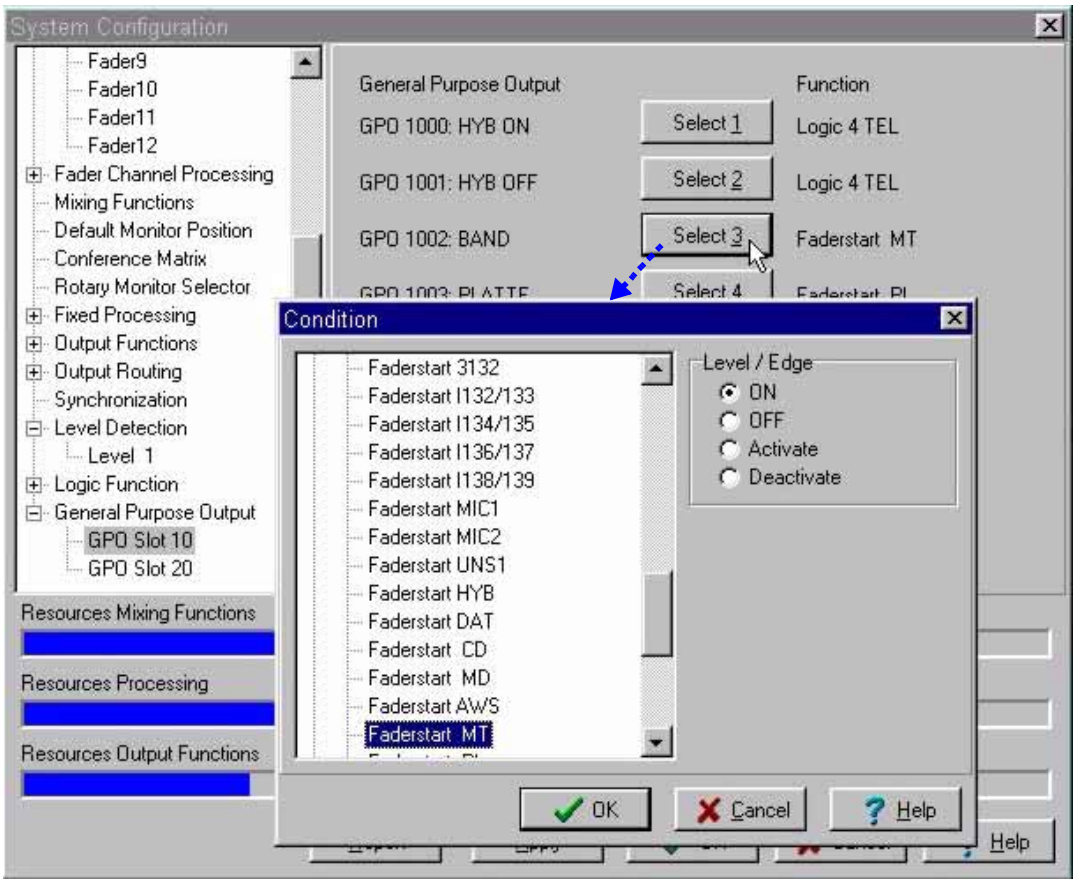
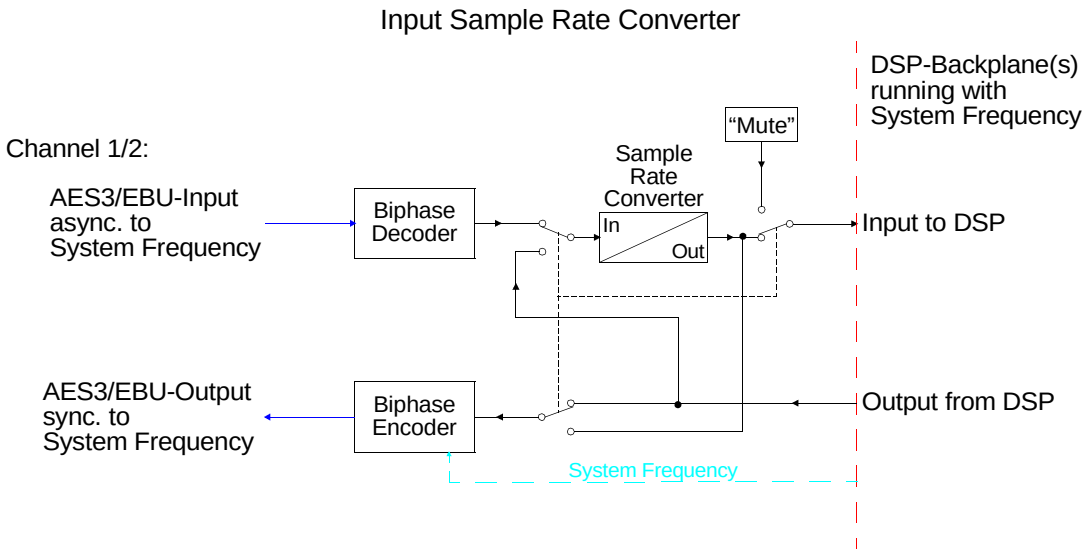


Figure 141:

4.4.14 Input Sample Rate Converter



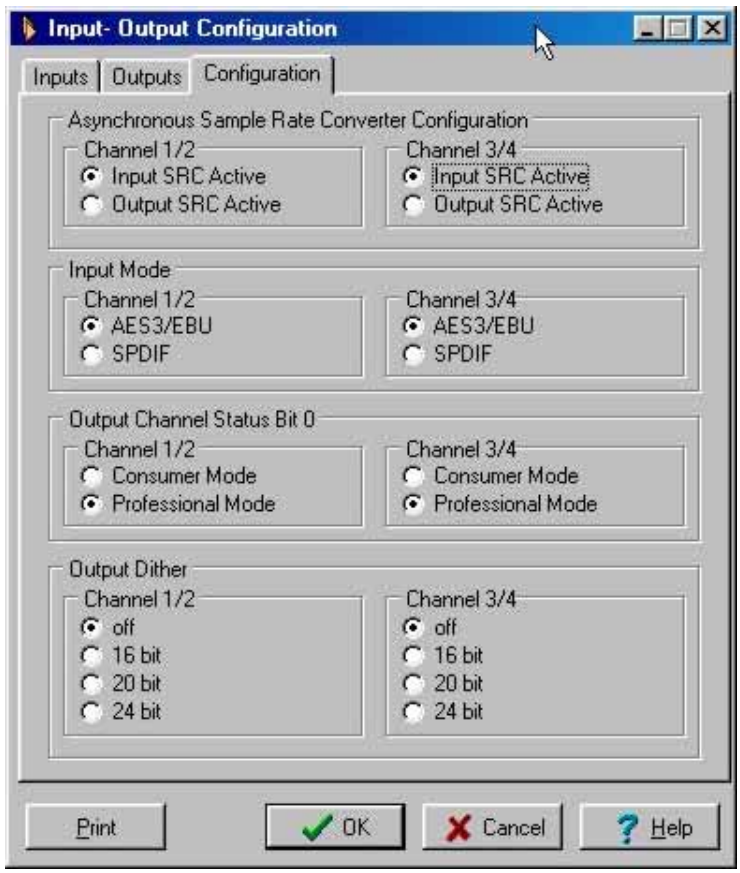
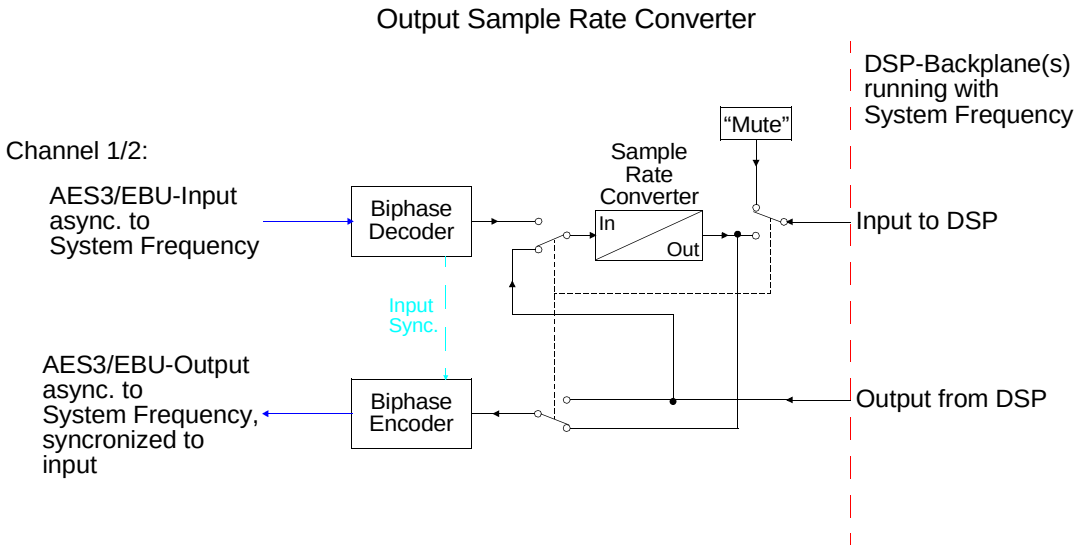


Figure 142:

4.4.15 Output Sample Rate Converter



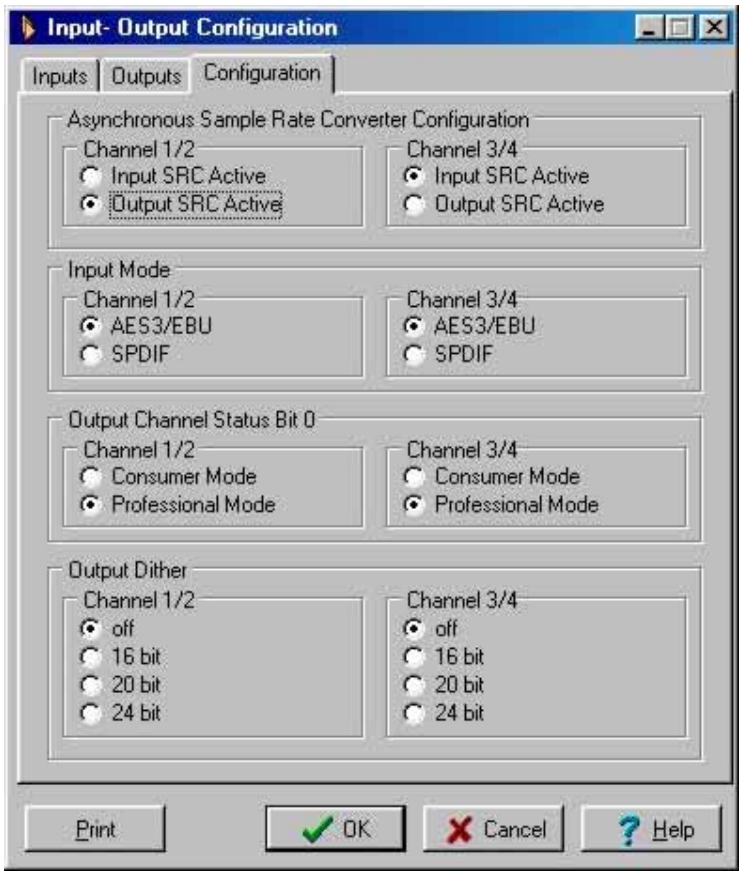


Figure 143: