# X23

**2-**
**3-**



**ALTO®**

,

**CAUTION**

**RISK OF ELECTRIC SHOCK**
**DO NOT OPEN**

**ON:**

**OFF:**

**WARNING:**

**CAUTION:**

- 
- 
- 

- **(Fuse)**

  ( , ,
  ).
  « ».

- 

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- 
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- 

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- :

,

LTO,

LTO AUDIO.

– , , …

!

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LTO ,

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, , .

(DSP) ,

7 .

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LTO – ,

, , «

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LTO , LTO,

, ,

, , – .

LTO AUDIO

**1.**

LTO                    .                                        23,
                    .

              LTO   23 –                              U,
          ,                                              2-          (    ) 3-
        (    )                          –                                        -      ,
            ,                        ,                                          -
      .                        ,                    23                                    ,
                        ,            CD Horn Equalization (
              ),
          .        23 -                                        ,
                                                                          .

**2.**                                                          **:**

- 1 U
- 
- 
- -                  /        XLR, ¼-                /        TRS

- -                                    , 24    /
- 
- 
- Mute
- 
- 
- 115
-                                    ISO9001

**3.**

   **3.1**                        **:**



    2  3        4    5        6    7        8    9        10 11        12  13        14  15        16  17        1

.
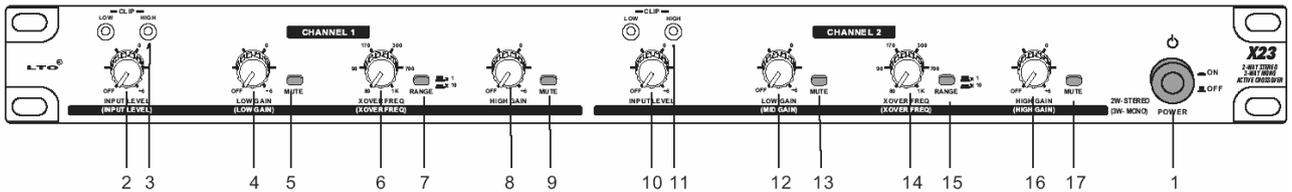
| | 24 – 2- ( )/ 3- ( ) | |
|---|---|---|
| | 2- | 3- |
| 1. | | |
| 2. | 1, | |
| 3. | 1,                              , | |
| 4. | 1, | (              ) |
| 5. | 1, | (          ) |
| 6. | 1,                          - | (          ) |
| 7. | 1, | (          ) |
| 8. | 1, | (          ) |
| 9. | 1,                          - | - |

| | | |
|---|---|---|
| 10. | 2, | (                    ) |
| 11. | 2, | |
| | , | , |
| 12. | 2, | |
| 13. | 2, | |
| 14. | 2,                                        - | - |
| 15. | 2, | |
| 16. | 2, | |
| | , | , |
| 17. | 2, | (                    ) |

b.

- **POWER (1)**
  /                                         .
- **CLIP (3**                1   11                      **2)**                                                        .
                          ,                                        ,
                                    .
- **MUTE (5, 9**              1   13, 17                    **2)**                                        .

**3.2**                                **:**



| | 18 19 | 30 | 29 28 | 27 26 25 | 24 | 23 22 | 21 20 |

.
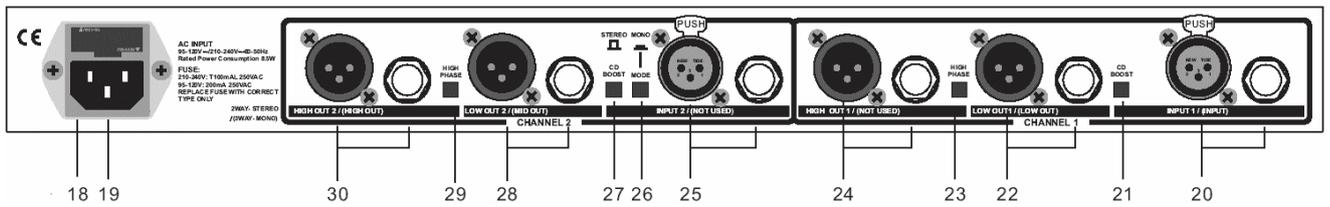
| | 23 – 2- ( ) / 3- ( ) | |
|---|---|---|
| | **2-** | **3-** |
| 18. | | |
| 19. | | |
| 20. | 1, | |
| 21. | 1, | |
| | | |
| 22. | 1,     - | (                    ) |
| 23. | 1, | (                    ) |
| 24. | 1,     - | (                    ) |
| 25. | 1, | (                    ) |
| 26. | 1,     - | - |
| 27. | 2, | (                    ) |
| 28. | / | |
| 29. | 2, | (                    ) |
| | | |
| 30. | 2,     - | |
| 31. | 2,     - | - |

b.

- **(22    23)**

    **:** .



**100-120**                    **220-240**

                3                                    (
    ).

                                                                    1800
.

- **(20    22, 24              1, 25, 28    30                2)**
                    ( .       «              »).
- **CD Boost                                                    (21
  1    27              2)**
                                                                                        ,                    .
    +3      3,5                        6   /          22,5    .

                    ,                                          «CD BOOST»,
    .                                      . (
    ,          ).

- **(23                1    29                2)**
                                    180°.
    ,            ,                    .
- **(26)**
    .
                                                                    4-
    (   /   /   /         ).
                                                                    3-
    (   /   /   ).

6

## 4.         **&**         :

### 4.1

**X34** ,

,

.              ,            ,        [POWER]

**34**,         –         .                       /

.

### 4.2

LTO   34                                               –

XLR   1/4" TRS Jack.

.

**a.**

1/4" TRS (Tip-Ring-Sleeve)     XLR

,                                   .        ,

:

-            **1/4" TRS**



**1/4" TRS**                                           **1/4" TRS**

-            **XLR**



**XLR**                                            **XLR**

**b.**

XLR,       1/4" TRS,

.                                     .

-           :

TIP RING SLEEVE

TIP SLEEVE

TIP SLEEVE

SLEEVE TIP

TIP RING SLEEVE

SLEEVE RING TIP

TIP SLEEVE

TIP RING SLEEVE

| Tip | | 1 |
| Ring | | 2 |
| Sleeve | | 3 |

| Tip | | 1 |
| Sleeve | | 2 |
| | | 3 |

| 1 | | Centre |
| 2 | | |
| 3 | | Screen |

| Tip | | Tip |
| Sleeve | | Sleeve |

| Tip | | Tip |
| Ring | | Ring |
| Sleeve | | Sleeve |

| Tip | | Centre |
| Sleeve | | Screen |

| Tip | | Centre |
| Ring | | |
| Sleeve | | Screen |

| 1 | | 1 |
| 2 | | 2 |
| 3 | | 3 |

**4.3.**

"                    "                    ,
.          ,
.

**5.**
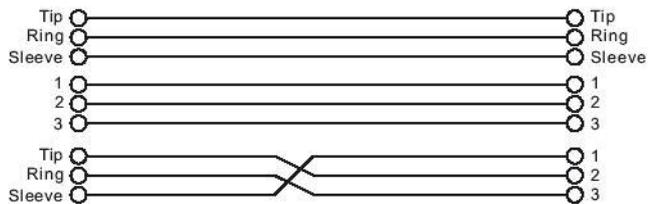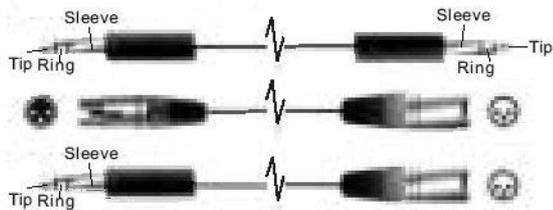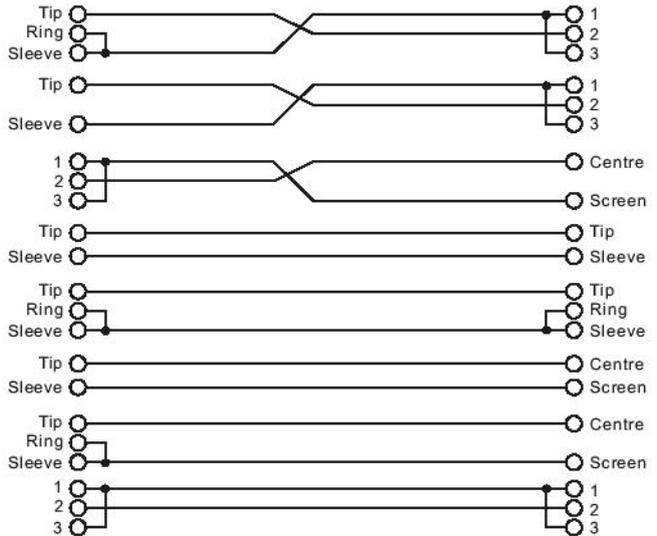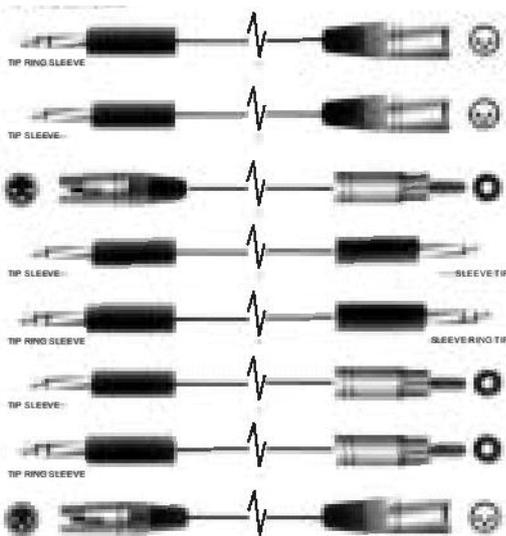
5.1.   23    2-

23    2-
,                              :
1.                    Mode              .
2.                              INPUT 1                              INPUT 2.
3.            -      LOW OUT 1                  -          ,      -        LOW OUT 2
          -        .
4.            -      MID OUT 1                  -          ,      -        MID OUT 2
          -        .
5.            -      HIGH OUT 1                  -          ,      -        HIGH OUT 2
          -        .



УСИЛИТЕЛЬ ВЧ

УСИЛИТЕЛЬ НЧ

РЕЖИМ
СТЕРЕО

R          L

ПУЛЬТ
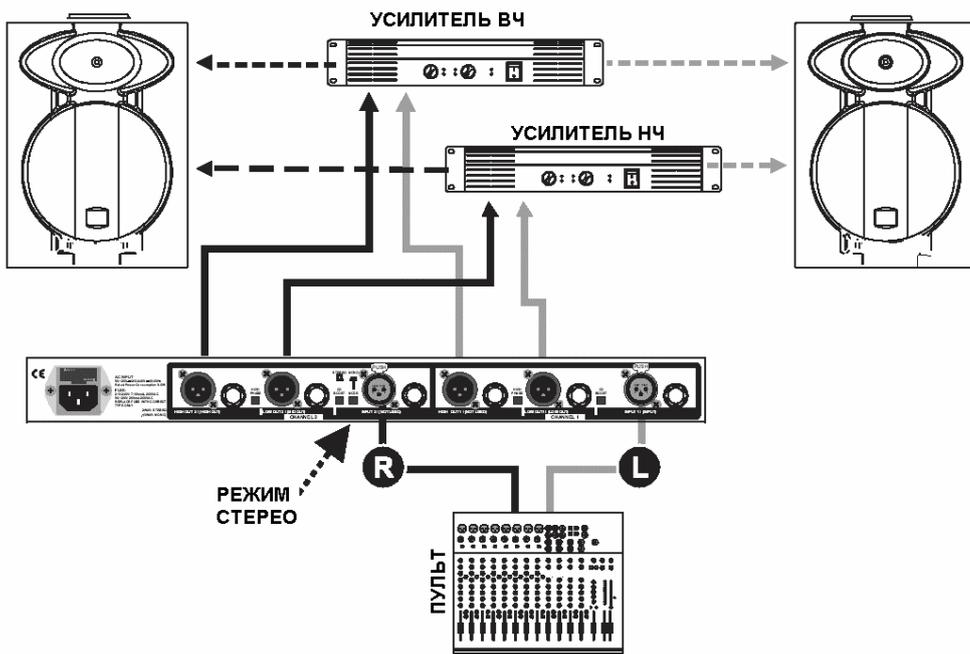
## 5.2.   23    3-

23   3-

,                                          :

1.                                    Mode                         .
2.                                                              INPUT 1.
3.                          LOW OUT 2                                .
4.                          HIGH OUT 2                    -              .
5.                          HIGH OUT 1                    -              .

**УСИЛИТЕЛЬ ВЧ**

**УСИЛИТЕЛЬ СЧ**

**УСИЛИТЕЛЬ НЧ**

**РЕЖИМ МОНО**

ПУЛЬТ
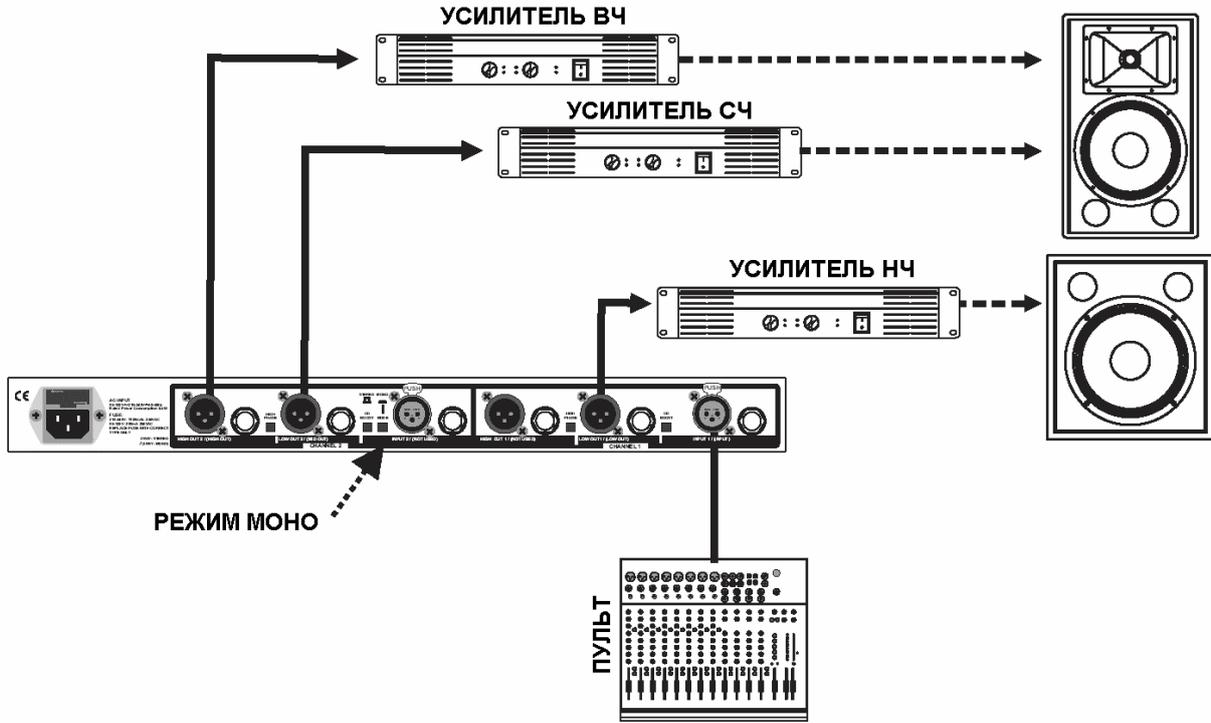
**:**                                                                          INPUT 2.
LOW OUT 1    MID OUT 1.
(                                        /                                              ).

,                                                                              ,
3-                                            .

INPUT 1
LOW Gain 1                                                      0
XOVER FREQ 1                                  (                    )
HIGH Gain 1                                                              -
INPUT 2                                                          0
LOW Gain 2
XOVER FREQ 2                                                          -
HIGH Gain                                                              -

# 6.

**:**

|  |  |
|---|---|
| - | 90 – 1 |
| - | 800 – 10 |
|  | AV = 0   , fc = 230   , 2,3 |
| (          0  ) | <- 98  dBu |
| (          0  ) | <- 95  dBu |
| (          0  ) | <- 93  dBu |
| / | 114 |

**:**

INPUT LEVEL (                    )
OUTPUT LEVEL (                      )
CD Boost (                )                    ,    ,    ,
MUTE (          )                              ,    ,    ,

PHASE (       )

**:**

3-                              IEC,
                    -                          ,
115         230   , 50/60
10

**:**

483   194,5   44
2,5