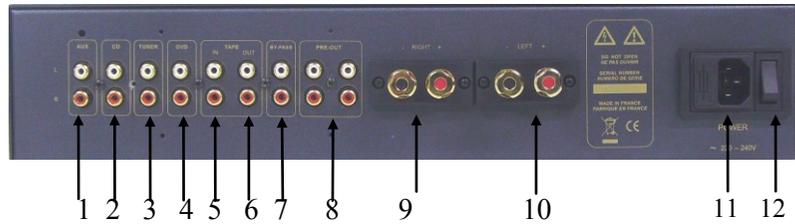


CONNECTING:

Rear of Amplifier:

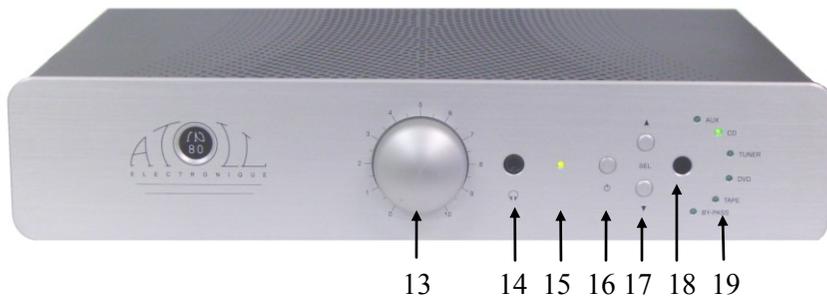


- 1) Auxiliary Input (or phono, or digital)
- 2) C.D. Input
- 3) Tuner Input
- 4) DVD Input
- 5) Tape Input (PLAY)
- 6) Tape Output (REC)
- 7) By-pass input (*)
- 8) Preamp. Outputs
- 9) Right channel Output
- 10) Left channel Output
- 11) Power Plug
- 12) Power Switch

(*) Connect the By-Pass input to an A/V preamplifier. By selecting this input, your integrated will work as a power amplifier, by-passing the preamp. section.

FUNCTIONS:

Front view of appliance:



- 13) Volume knob
- 14) Headphones (cuts the speakers when a headphones is plugged)
- 15) Power indicator led (orange=stand-by; green=switch on; red=mute)
- 16) Stand-By key
- 17) sources selections keys
- 18) i.r. captor
- 19) sources indicators leds

ADVISES:

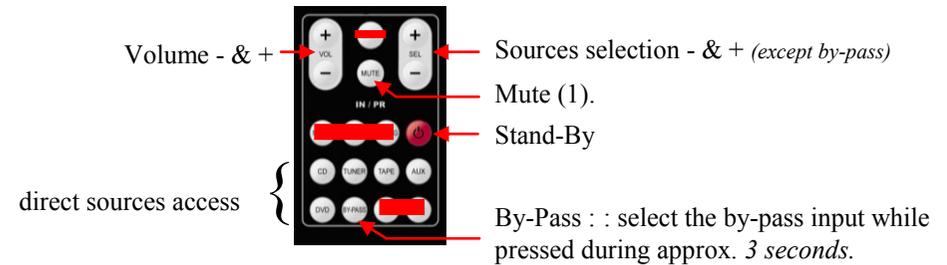
- To optimise the performances of your amplifier, you should switch it on at least half an hour before any listening, the time for power stage to reach their ideal working temperature. Between two utilisations, it is better to use the stand-by position, so that the power stages remains at their optimal temperatures.
- Double Pre-out can be use for bi-amping loudspeakers directly from Integrated. You can also use those pre-out for a subwoofer.

ELECTRONIC PROTECTION:

An electronic system is equipped on your amplifier. If you go over the maxima power allowed, the led indicator goes « red » and the amplifier cuts off automatically after few seconds. It is then ready to use.

REMOTE CONTROL:

Your Integrated can be used with our global remote control. (optional)
Your Remote Control is fully equipped with 2 Lithium 3V batteries CR2025.



(1) : "Mute" is deactivate with the volume key + and also by a second press on the MUTE key, or by switching off the amplifier.

TROUBLES AND SOLUTIONS:

TROUBLES	PROBABLE CAUSES
- The power led (15) do not switch on;	- The power switch (12) is on wrong position ; - The sector wire is badly plugged;
-The power led (15) is on but there's no sound;	- Input selector (17) is on the wrong position;
- There is no sound from one speaker whichever input is selected;	- Check all connections between the amplifier and the speakers;
- There is no sound from one speaker when an input is selected;	- Check all connections between the amplifier and the input;

E.C. MARKING:

E.C. marking certified the conformity with low tension directive 73/23/CEE, directive CEM 89/336/CEE and national transpositions.

CLEANING:

Before any cleaning, switch off your amplifier (10). Use a soft and dry rag to clean up the appliance. Never use acetone, white-spirit, ammoniac, or any kind of product containing abrasive agent. Never try to clean up inside the appliance.

GUARANTEE:

The guarantee is **two years** long from date of purchase. We recommend you to ask your dealer to fill the guarantee and to conserve it. The guarantee is only available for appliance which has been use correctly.

TECHNICAL SPECIFICATIONS	AMP-PREAMP INTEGRATED		
	IN50se	IN80se	IN100se
Efficacy power :	50 W /channel /8Ω 70 W /channel /4Ω	80 W /channel /8Ω 120 W /channel /4Ω	100 W /channel /8Ω 140 W /channel /4Ω
Impulsion power :	90 W /channel	150 W /channel	180 W /channel
Power supply :	160 VA	330 VA	660 VA
Total of capacitors :	15 000 µF	30 000 µF	30 000 µF
Number of Inputs:	5+1 by-pass	5+1 by-pass	5+1 by-pass
Preamp. Outputs :	2	2	2
Stand-by :	YES	YES	YES
Input impedance :	220 kΩ	220 kΩ	220 kΩ
Sensitivity :	100 mV	100 mV	100 mV
Signal/Noise :	100 dBA	100 dBA	100 dBA
Distorsion at 1kHz :	< 0,05% /10W	< 0,05% /10W	< 0,05% /10W
Frequency response :	5Hz-80kHz	5Hz-100kHz	5Hz-100kHz
Rise Time :	3 µs	2,5 µs	2,5 µs
Dimensions :	440x90x255mm	440x90x255mm	440x90x255mm
Weight :	7 kg	8 kg	11 kg

ATOLL ELECTRONIQUE® is a French Company who conceives, manufacture and commercialise all its products.

You have just bought an Amp-Preamp. Integrated with an exceptional audiophile performance. We really thank you for your confidence on our products. To get the best part of your amplifier, please read carefully this manual.

CAUTIONS :

- Put your amplifier in a dry and well ventilated place, far from source of heat;
- Do not put something on your amplifier;
- **Do not make any plug in when the amplifier is on;**
- Avoid any short-cut;
- Respect polarity + & - and switch left & right;
- Do not plug in two speakers in parallel on the same output.

Caution: the level indicated on the graduations of volume knob is arbitrary, it does not provide information directly of the power output. In fact, depending on your configuration (source and speakers) maximum power may be exceeded at level 4 of the potentiometer and therefore generate excessive heat or premature wear of the amplifier.

You will find enclosed:

- *an amp-preamp integrated ;*
- *one powerlead;*
- *this manual with the certificate of guarantee.*

OWNER'S MANUAL

Amp-preamp. Integrated

IN50se - IN80se - IN100se



GUARANTEE - INTEGRATED - se -

*To present to your dealer with the invoice when returning back the
appliance:*

ATOLL ELECTRONIQUE®
Bd des Merisiers
50370 BRECEY
FRANCE

Dealer Stamp

Date of purchase :

Place of purchase :

Buyer signature :

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