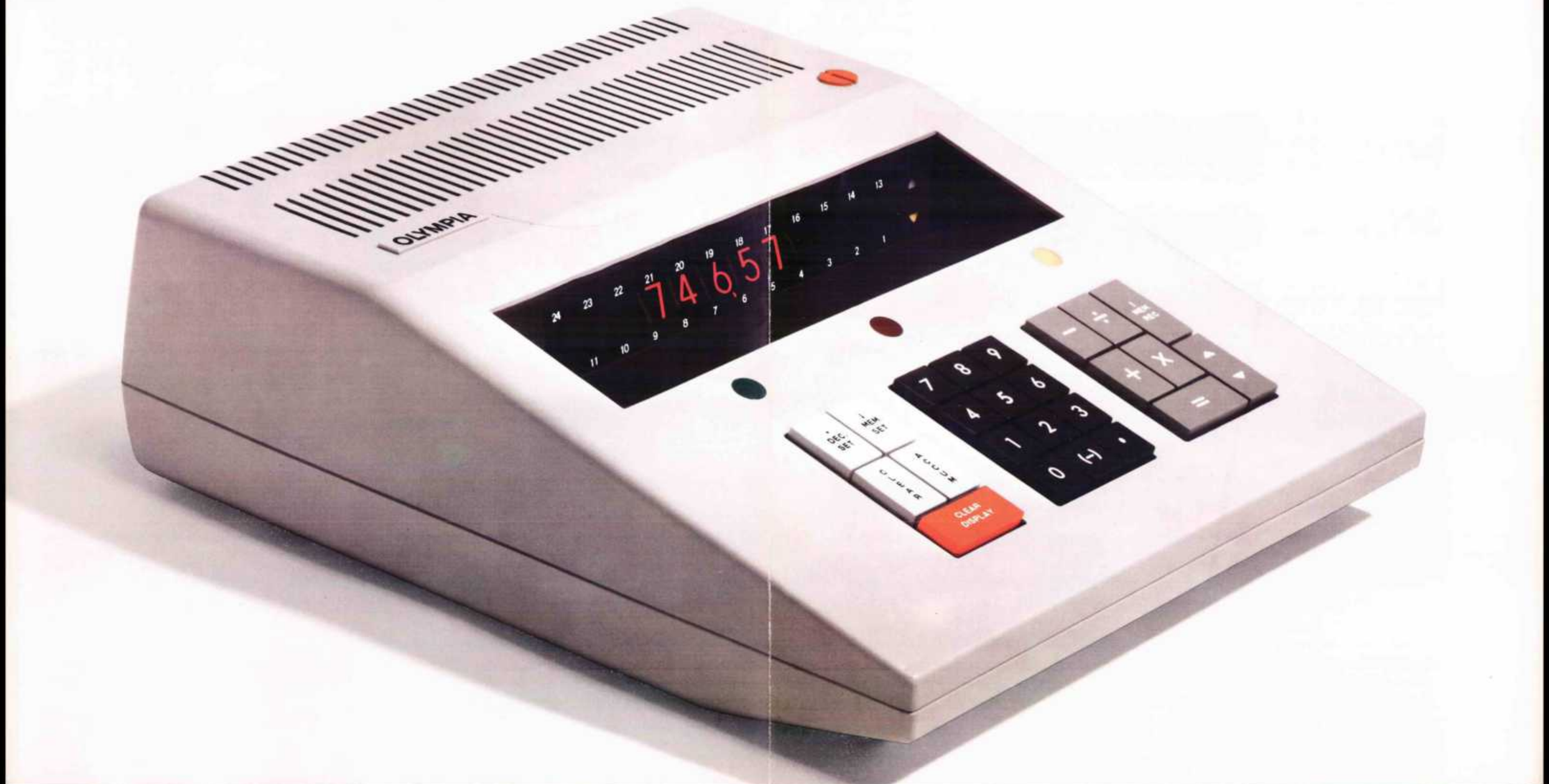
Olympia ICR 412

A steady dependable servant makes the difference



Olympia presents a new kind of electronic calculator, one that is sure to interest you.

The ICR 412 offers the modern all-IC technology. Plus:

a calculating capacity of up to 24 digits for all arithmetic operations,

a completely new arithmetic calculating technique to provide quick answers with a minimum of figure handling and control function operation,

5 registers to give you almost unlimited flexibility,

automatic accumulation with the display of each individual result,

multi-purpose constants stored in the memory,

decimal selection, programmed from the keyboard,

a keyboard layout that is simple to understand and easy to use,

clear display panel for easy visibility,

negative entry and algebraically correct answers,

a clearing technique that is simple,

an international voltage selector that will accommodate just about all of your needs.

All in all, the Olympia ICR 412 electronic calculator offers you a range of advantages you will not find in other electronic calculators. Its operating controls are so arranged that any operator can quickly learn a touch type method to perform even the most difficult calculations.

But then – this is what Olympia stands for: Tomorrow's technique for the busy office today. You work relaxed, when

you use our Olympia ICR 412. All results are computed quickly and correctly. Calculating becomes a game. With an Olympia ICR 412 on your side your long, dull, time consuming computation days will be over. Urgently needed figures will be done on time and what's more, the ICR 412 reduces risk of error to a bare minimum. All four operations can be done in almost any arithmetic combination. When you complete your work, you will be proud of your accomplishment.

Today, in an age when most all calculators look alike, you will want to be sure you have the very best. The Olympia ICR 412 is of a standard not often reached by other electronic calculators.

Try it today – let it work for you – convince yourself!

A Desk Calculator with the modern All-IC Technology

If you could study the inner components of your Olympia ICR 412, you would be impressed with their sturdy, practical arrangement and construction.

And don't let its dimensions deceive you – this compact machine contains even more electronic equipment than a color TV.

Double Calculating Capacity
Don't let the 12 digit Nixie tube display fool you. It only shows 12 positions at a time. The Olympia ICR 412 calculator computes all problems using its super capacity of 24 digits. It accumulates 24 digits and even the memory only gives up when 24 digits are surpassed. You may read all results at any time. A mere touch of a control key allows you to see 12 digits at a time.

The Olympia ICR 412 offers you more digits in your answer than any other electronic calculator in the world today.

A Completely New Arithmetic Calculating Technique
Our new direct calculation technique by-passes function controls that are necessary on conventional electronic calculators. Each function key (x ÷ — +) determines the arithmetic operation and calculates the result within a fraction of a second. You may do continuous multifactor calculations in any fashion you desire.

Upon depression of each control function you automatically have your answer displayed and retained for further use. This technique eliminates re-entering and reduces the number of operations formerly required to do the same job. It creates fluent calculation. The most advanced method. An example of a chain or combination calculation as it would be done on the Olympia ICR 412 is as follows according to the formula:
a x b ÷ c x d + e — f =
or
3.14 x 2.005 ÷ 1.905 x 3545 + 200.1 — 19.69 = 11 896.030 208 820

Flexibility for the Various Arithmetic Operations
If you have done computing on an automatic calculator, you already know that an accumulation of interim results and the use of a memory for constants are both absolute necessities. That is why we have equipped the Olympia ICR 412 with 5 registers: 3 for the normal arithmetic operations, 1 for storage accumulating and 1 for the memory.

This is truly a luxury that does not show in the price, yet significantly increases the efficiency of the Olympia ICR 412. It saves you time and prevents errors.

Accumulation by Depression of a Single Key
Individual results are produced in one register and displayed while simultaneously without additional transfer instruction also accumulated. Accumulation is carried out automatically via the = key. Reading the accumulation is coupled with an automatic clearance. A significant simplification over prior techniques.

A Multi-Purpose Constant
A figure can be entered in the memory and used as a divisor, a dividend, an addend, a subtrahend, a multiplier or multiplicand. The value from the memory may be retrieved at any time during any computation. It appears unchanged with up to all 24 digits and can be re-used as often as desired. Storing either positive or negative values is possible. Constants allow the repeated input of figures to enter the machine automatically creating absolute error elimination.

Multi-Purpose Keyboard
The numeral keys 1—2—3—4—5—6—7—8—9—0 are not only used for keying in digits for figure computation, but can now also "program" your decimal selection.

In the Olympia ICR 412 the common method of positioning the decimal point is no longer required. Instead, the ten-key keyboard has taken over this task. The insertion of the desired decimal is set according to the required degree of accuracy. To change any setting, depress the decimal key and key in the next required setting from 0 to 9, on the keyboard.

The decimal places may be visually checked on the luminous display screen before a calculating operation is initiated.

Simplified Keyboard Layout
The Olympia ICR 412 keyboard has an eyecatching design. It is well proportioned and without any unnecessary detail. There is nothing to distract your attention.

The keyboard is simplified and easy to operate. As few keys as possible and their size and arrangement are adaptable to a touch type system of calculation. The key stroke is short and the keys respond to a soft touch. A superb blend to provide optimum efficiency. The ten-key keyboard is in the middle. To the left is a block of keys for accumulation, decimalization and clearing, and on the right is the arrangement of the function keys. Three blocks, optically separated according to their functions, and yet a unit that can easily be spanned by your hand.

Comprehensive Sign Logic
Here we do not stop at a negative credit balance. Negative results may occur in all computing operations. However, negative input values have to be dealt with as well, in multiplication, division, in subtraction or addition operations. Consequently all four basic operations are carried out with the correct sign, as the rules of arithmetic demand. Operations in the calculator's accumulator and memory are also carried out in accordance with the pertaining sign. The keyboard of the Olympia ICR 412 includes for such cases a particular sign key (–).

The Olympia ICR 412 does all calculating algebraically correct and, therefore, is not only an excellent office machine but is also for scientific calculations.

Eased Visibility
The luminous screen gives a clear and easily legible digit display. It does not show puzzling zeros to the left and right of the value you want. We call this automatic zero suppression. It implies a significant improvement, as it greatly facilitates number reading.

Color Signals for Control Operations
Switch on the calculator: white signal lamp. Accumulate values: green signal lamp. Calculating capacity surpassed: red signal lamp. Sign-control lamp is lighted when values go negative. Signal lamp for the upper and lower number display calls your attention to the fact that the capacity of 12 digits is surpassed; and the overflow is now in the second set of 12 digits. The important optical control signals are so arranged that you cannot miss noticing them when you work with the calculator.

Simplified Clearing
When the calculator is switched on, it is cleared. The memory is cleared by automatic displacement. An amount accumulated is cleared automatically on signal to readout. The input of numbers automatically displaces former results in the luminous display register. A general clearance is carried out by the clear all key. Only erroneous inputs in the keyboard have to be removed via the Clear key.

Voltage Selector for All Main Voltages
No matter where you go, the Olympia ICR 412 is everywhere and at once at your service: when you are studying in Great Britain (240 V), taking part in a business meeting in France (220/110 V), or Africa (220 V), or when you are staying in the Federal Republic of Germany (220 V).

Quite a number of virtues make the Olympia ICR 412 an engaging servant. But in addition, it offers its charm as well. For instance its form – an outstanding design; prestige – for everyone who uses it. And then its small dimension is an effective contrast to its capacity! Not even capacity is reason to raise its voice above others. It works away silently: a dependable servant you can be proud to take with you; to business meetings, to sales conventions, anywhere you go. A carrying handle and sturdy case also make it a portable electronic calculator.

1/72.010/11 C Subject to alterations

Olympia International
Precision Business Equipment

Printed in Western Germany