



The DULCITONE

THE LIGHT-WEIGHT PIANO WITH THE
HARP-LIKE TONE. THAT NEVER NEEDS TUNING

Machells

THOMAS MACHELL & SONS GLASGOW

FURTHER THE GENERAL REFINEMENT *of* LIFE

"In no way can the general refinement of life be more effectually furthered than by the restoration of Music to its proper place in the scheme of our common education."—H. A. L. FISHER.

A musical training is the birthright of every child, and if he is deprived of it in the home or the school, all the more reason that he should seek to get possession of it when he grows up.

Music is not a mere hobby or an extra accomplishment, but an imperious need of the human spirit. Every one, therefore, should make a point of getting some real contact with music.

Until recently the great difficulty has been to get a small portable instrument, built on the lines of the piano, to give genuine satisfaction, at a moderate price. The difficulty has been overcome by the introduction of the DULCITONE.

The Remarkable Advantages of The DULCITONE

The DULCITONE is distinguished for the following big advantages:—

1. A fascinating harp-like tone.
2. Great musical value.
3. Simplicity of construction.
4. Standardised parts.
5. Light weight (60 lbs.).
6. Resistance to climatic conditions.
7. Moderate price.
8. The small space it requires (38 × 15 inches).
9. The fact that it never requires tuning.

The merest glance at these advantages will suggest at once its special fitness for bungalows and the smaller style of houses now being built. Every person with the least sense of the value of self-development will see to it that one musical instrument at least is part of the equipment of their home. The DULCITONE, because of the small space it occupies, its absence of any tuning needs, and its moderate price, is the instrument that best recommends itself for this purpose.

Its Great Adaptability

As an instance of the great adaptability of the DULCITONE we may take the part it played during the war. It found its way to all fronts, naval as well as military, even into German prison camps, and was much used on destroyers, submarines, and patrol boats, etc.

The DULCITONE is used with great success at small concert parties, impromptu dances, and all sorts of entertainments in out-of-the-way corners of the country. Its lightness makes it convenient to take with the family to the coast or the country. It has a most charming effect in the open air—in the garden, at a tennis "sing-song," in camp, or on a yacht. In the winter it can be drawn up to the fireside for a little quiet music in the evening, and even in the sickroom it has its sphere of usefulness, as it can be played by the convalescent sitting up in bed.

In the school the DULCITONE can give a service which no other similar instrument can offer. It is so light that it can be moved with ease from room to room, or into the playground if required. The purity of tone and perfect intonation have been found to lead to greatly improved singing, and for ear tests and accompanying action songs it is ideal. The teacher can play and at the same time see and control the class. The DULCITONE brings the chance of good music, and the practice of good music, within the purse of every educational authority.

The DULCITONE is particularly effective in combination with the violin and other orchestral instruments. Many are used in cinema and theatre orchestras with excellent effect.

There is another use of the DULCITONE which is so considerable and important that we emphasise it specially here, viz., for musical help in religious and missionary work. We have much testimony of its value in this connection, and we recommend it for this purpose to a much wider public who perhaps do not know of its suitability.

The DULCITONE has a compass of five octaves and keys and touch exactly as in a good piano; the case is of handsome appearance and beautifully finished, and the whole instrument is built to give good service during a lifetime.

A five years' guarantee is given with each DULCITONE, but this gives no indication of the long life of the instrument. Many are still giving good service after twenty years' daily use.

Peculiarly Suitable for the Dominions and Foreign Countries

Because the DULCITONE has tuning forks instead of wires *it never needs tuning*, and as the forks are practically unaffected by changes of temperature, it is equally suited for tropical and arctic regions, and many have been supplied to India, East and South Africa, Canada, North and South America, China, Australia, New Zealand, etc. Owing to our extensive experience in shipping DULCITONES to all foreign countries, we are familiar with the necessary formalities, and can relieve our customers of all trouble in this connection.

(See Special Offer on page 7.)



DULCITONE (REGD.)

IMPROVED STANDARD MODEL

£25 net

With 5 Octaves, in solid Oak, dark polished, as illustrated, complete with folding stand.
Measurements: Length, 38 inches; breadth, 15 inches; height, in playing position, 32 inches; height, with legs folded, 12 inches; weight, 60 lbs. (in packing case, 90 lbs.).

Shows older style



DULCITONE (REGD.)

IMPROVED STANDARD MODEL

£25 net

With 5 Octaves, in solid Mahogany polished Chippendale as illustrated, complete with folding stand.
Measurements: Length, 38 inches; breadth, 15 inches; height, in playing position, 32 inches; height, with legs folded, 12 inches; weight, 60 lbs. (in packing case, 90 lbs.).

What the DULCITONE is—

The DULCITONE is a portable musical instrument built on the lines of the piano, but with tuning forks in place of strings as sound producers. No tuning is required, the forks remain permanently in tune.

There being no wires, and consequently no metal frame, the instrument is compact in size and of light weight, and is easily carried from one place to another. (The weight is only *sixty* pounds while the average weight of a piano is *five hundred* pounds.)

The keys are the same size as those of an ordinary piano, and the "touch" identical. A pedal actuates the dampers, and corresponds with the loud pedal of the piano.

The whole mechanism is simple, strong, and not liable to get out of order. All parts are standardised, and can be replaced easily.

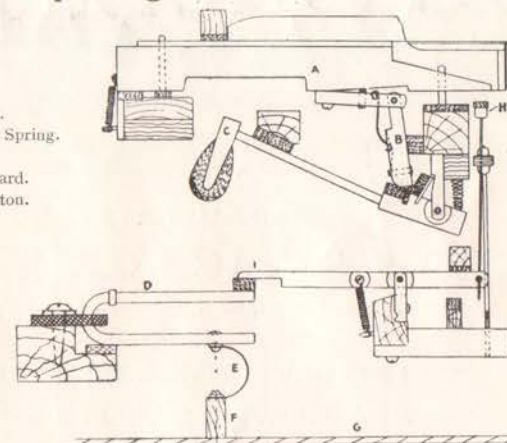
The DULCITONE has a compass of 5 Octaves (61 notes) A to A, and this compass, while making it possible to keep the instrument extremely portable, *allows of practically all piano music being played.*

The normal or low pitch (C522) has been adopted as a standard, but the old philharmonic or high pitch (C537) can be given to order.

A GUARANTEE FOR FIVE YEARS GOES WITH EACH DULCITONE.

Explaining the Mechanism

- A—Key.
- B—Jack.
- C—Hammer.
- D—Tuning Fork.
- E—Semi-circular Spring.
- F—Bridge.
- G—Sounding Board.
- H—Damper Button.
- I—Damper.



On depressing the key (A) the jack (B) causes the hammer (C) to strike the tuning fork (D) and produce the sound, which is reinforced by passing through the semi-circular spring (E) to the bridge (F) and thence to the sounding board (G). At the same time the front of the key depresses the damper button (H) causing the damper (I) to lift clear of the tuning fork, which is then free to vibrate.

AIDS TO ORDERING

For ordering by telegraph or cable our registered address is "DULCITONE, GLASGOW," and the following code may be used:

- FOLK : Despatch immediately by rail one Dulcitone in Oak.
 FAIR : " " " " " Mahogany.
 FORTUNE Ship one Dulcitone in Oak, insure, pay freight, and collect payment through your bankers against shipping documents.
 FAIRNESS Ship one Dulcitone in Mahogany, insure, pay freight, and collect payment through your bankers against shipping documents.

If two or more Dulcitones are wanted add the number.

If payment is to be made through a shipping agent or banker add his name and address.

EXTRAS

- Ordinary wooden packing case £1 extra
 Carefully packed in case for export £2 extra

Special Offer to Buyers Abroad

For £4 extra, cash with order, we pack, insure, and forward carriage paid to any shipping port abroad.

SOLE MAKERS :

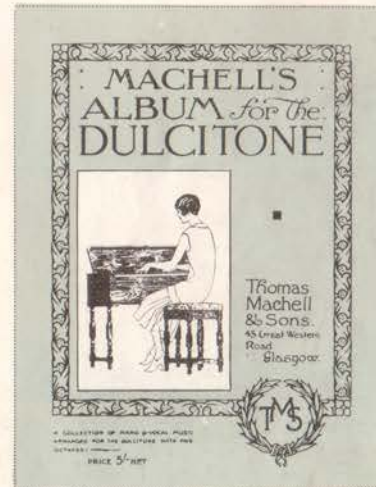
THOMAS MACHELL & SONS

Partners : EDWARD MACHELL, W. R. MACHELL, and LEONARD MACHELL

DULCITONE HOUSE
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The word DULCITONE is registered as our Trade Mark in all countries.



Just Published MACHELL'S ALBUM of MUSIC for the DULCITONE

Containing a choice selection of Pieces and Songs suitable for DULCITONE, Piano, or Organ.

104 PAGES
 BEAUTIFULLY PRINTED

Post 5/- free

We had the honour of supplying a Dulcitone to H.M.S. "Repulse" to accompany the Prince of Wales on his world tour.

"We received DULCITONE quite safely without a scratch, so the packing was well done. . . . Is the very thing for our bungalow because it does not take up much room."—G. H. (N. Zealand).

" . . . her DULCITONE which is giving the greatest satisfaction and seems to improve every day."—E. S. (N. Devon).

"My sisters in Spain are very pleased with the DULCITONE they bought of you last year."—E. O. C.

" . . . It is an excellent accompaniment to the violin."—E. C. W.

" . . . I have now had the DULCITONE about seven years. . . . I think it is, if anything, a better instrument than when I first received it, notwithstanding the fact that it has been requisitioned for dances, orchestral work, and evenings out yachting."—G. C. W. (Australia).

" . . . I have had a DULCITONE in Brazil for 10 years, and it is still in perfect order."—F. C. G.

" . . . Beethoven's Rondo was given as the encore piece—the violin being accompanied on the soft, pure-toned DULCITONE, the joint effect proved entrancing."—*Sydney Daily Telegraph*.

" . . . I am a sea-going Engineer in a Tank Steamer, and find the DULCITONE in every way satisfactory. My last voyage was of three years and seven months to Singapore, Borneo, China, and Japan."—R. N. D.

" . . . We have here for overhaul a DULCITONE which, after being used in the Trenches, finished up by being carried in a Tank. It really only requires cleaning out and regulating, and is to be used then in a Hospital."—H. F. & Co.

" . . . During the summer, climatic conditions here render it impossible to keep a piano except at great expense. Thanks to the DULCITONE I am now able to keep up my playing, and we all derive great pleasure from it."—R. D. (Ontario).

" . . . It is nine years since I purchased my DULCITONE, and I can truly say that it has been in active service ever since."—E. H. C.

" . . . The DULCITONE which we brought out here in 1921 has been of great usefulness in our Missionary Work."—Rev. D. M. B. (Tanganyika).

" . . . We have now had two years' experience of your DULCITONE in our School and we have found it simply invaluable. It has helped to produce results in singing, rhythmic dancing, in ear training, and in voice production, such as we could not have had without it."—B. H., M.A., F.E.I.S. (Headmaster).