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## I N D E X.

page
1
Rudiments of Music
Duration of Notes ..... 1
Comparative table of the relative
value of the Notes. ..... 2
Dots. ..... 2
Bars. ..... 2
Rests ..... $3 \& 8$
Triplets, double triplets
and Groups. ..... 3
Time. ..... 3
Signs. ..... 3
Syncopated Notes ..... $+$
Rhythm. ..... 1
Beating time ..... 6
Grace Notes and Embellishments. ..... 7

## RUDIMENTS OF MUSIC.

Before the stadent can commence to play on any instrument, it is necessary that he should be acquainted with the rudiments of musical notation.

The signs, which indicate the pitch and duration of musical sound are called Notes, and are figured thus $o d d$ ete.

They are named after seven letters of the alphabet: $C, D, E, F, G, A, B$, and are written on, between, above or below five parallel lines $\bar{\square}$ called the Stave.

The names of the notes are determined by Clefs, placed on different lines, the two most com. monly used being the Treble Clef placed on the $2^{\text {nd }}$ line and the Bass Clef placed on the $4^{\text {th }}$ line $9:$

The position of the notes on the Stave however is quite immaterial so far as the Side Drum is concerned, it is therefore unnecessary to trouble the Student further on this point, as superfluous matter may tend to hinder rather than assist his studies.

## DURATION OF NOTES.

Notes may be of long or short duration, which is indicated by the form of each note.
Forms of different Notes.



## DOTS.

A Dot placed after any note or rest increases its value one half. Thus:-

is equal to
 or

to

or $\Rightarrow$ to 9 q \%

Two Dots placed after a note or rest increase its value one half ànd a quarter or par is. equal to
 etc.

## BARS.

Notes are divided into Bars by single or double lines drawn across the stave.
One line $\equiv$ is placed after each bar. Each bar contains the same number or value of notes, and must occupy precisely the same length of time. At the end of a composition or section of a composition; two lines are placed, forming a double Bar.


## RESTS.

A rest denotes temporary silence. Each note has its equivalent rest equal in duration of time to itself. The rests are as follows.

Semilreve rest, Minim, Crotchet, Quaver, Semiquaver, Demi-Semiquaver, Hemi-Demi-Semiquarer:


A dot placed after a rest increases it one half, as in the case of a dotted note.

## TRIPLETS, DOUBLE TRIPLETS AND GROUPS.

Triplets are marked by a figure 3 placed over a group of three notes; double Triplets are marked by a 6 placed over a group of six rotes. Three crotchets marked thus
 are to be played in the same time as two crotchets not so marked. Or six quavers like four quavers


## TIME.

The time in which any piece ought to be played is denoted by marks placed at the commencement indicating the number of minims, crotchets, quavers etc. each bar contains.


## TABLE OF TIMES.



When a line is drawn through the $\mathbf{C}$ thus $\mathbb{C}$ it is called Alla Breve and two 1, 2, are counted in a bar,

## SIGNS. etc.

Repeat When two duts are found by the side of a double bar thus, $\square$ the whole section from the preceding double bar, or if there be no earlier double bar, then from the beginning of the piece is to be played again. This is called a repeat.

The mark $\$$ is an abbreviation of the word Segno. It is placed over a double bar to indicate the beginning or termination of a repeat, thus, Al Segno \$ means repeat to the sign; and Dal Segno \$s from the sign.

Pause. The sign $\curvearrowright$ is called a Pause. When it occurs; the note is to be sustained to an indefinite length, at the performer's pleasure, the counting being interrupted.

Slur. A slor $\rightarrow$, drawn under or over any number of notes, means that the sound is to be con_ tinued from one note to another in a smooth and connected style. A Bind, or Tie, $\sim$ placed over two notes of the same name, means that the first note only is to be played, but that the sound is to continue during the time of the two notes.
Staccato _ The following marks placed over notes

or

mean that the notes over which they occur should be played with taste and spirit. The first form indicates that the sound must occupy about one fourth of the time of the notes, the remainder of the time being silent. The second form denotes that the time should be equally divided between sound and silence. The third example shows that the notes should be held three fourths of their time, leaving only one fourth silent.
Segue. This word, placed over a passage, means that it is to be repeated, thus


The strokes alone, without the word Segue are often used, and have the same signifiance, one stroke, thus meaning quavers and two strokes $\|$ semiquavers etc.

## SYNCOPATED NOTES.

By Syncopation is meant the placing of the accent on the weak pulses of the bar,


## RHYTHM.

By Rhythm is meant the division of music into Bars; its accentuation, the Value of the notes em_ ployed, and the rate of movement. The drum is essentially a rhythmical instrument, beating only one tone and would soon become monotonous, if not elevated and relieved by variety of rhythm.
It frequently happens that the first bar of a movement is not complete; when this occurs it is called an "up Bar." The 'up Bar' and the finishing Bar must be so written as to make a full. Bar.


Variols rhythmical figures.

1. March-time.

2. Bolero-time.
$0: 4$ erea

3. Polka-time.

条䒴



7.


8
$0:$
$0:$


10. Valse-time.

12. Slow march-time.


## BEATING TIME.

The time in which a piece or movement should be played is invariably marked at the beginning in Italian words. There are mames for every degree of Time, as: Largo, Alhgio, Lento, etc. for slow Time. Andirnte, Moderoto, Allegretto, etc, for moderate Time. Allegro, Vivace, Presto, etc. for quick Time. (The transiation of these words will be found on the last page of this Book.) The drum be_ ing an essentially rhythmical instrument, the player should always carefully watch the Conductor, who will beat time as shown in the following examples.


The same as ${ }_{8}^{6}$ time ei. ther six ar two beats in a bar.


The same as 3 time ei. ther one or three beats.



## ABBREVIATIONS.

Abbreviations are employed in written music, to avoid the repetition of identical bars or passages.
Thus instead of writing four quavers, $\frac{\square}{4}$
 Or instead of repeating an identical bar or passage, a sign, marked thus $\quad$ is used.


When two identical bars are repeated this sign 1. is employed.



A Bar marked Bis $\frac{B i s}{\square}$ should be played again.

## RESTS.

When a composition requires a prolonged silence for any instrument, it is indieated by numbered rests.


Meaning that so many bars of the movement should be counted in silence.

## REPEATS.

When part of a movement is repeated and the last one, two or three bars require a different end_ ing it is indicated thus.

(Prima volta or the first time.) (Seconda volta or the second time.) (Terzia volta or the third time.)

A piece which is to be repeated from the begiming is marked D. (. (1a Capa), if from a special place $\$$ Dal Segno (from the sign), and at whatever point the perfomance concludes, either the word Fine (End) or the sign of a pause is marked over a double bar


Sometimes when a piece is repeated, it goes from some definite point to the Coda or Finale, such places are marked with this sign $母$.

## DIFFERENT SHADES OF TONE.

p means: piano, soft.
pp means: pianissimo, very soft.
$f$ means: forte, loud.
$\mathscr{f}$ means: fortissimo, very loud.
$\boldsymbol{m f}$ means: meszoforte, moderately loud.
cres. or mean: crescendo, increasing the sound.
dim. decres. or mean: diminuendo, decrescendo diminishing the sound.
sff $\boldsymbol{f f}^{\prime}$ or $>$ mean: sforzando, rinforzando, sharply accentuated.
fo means: forte-piano, loud and immediately soft again.
$\boldsymbol{p o}$ — $\boldsymbol{f f}^{\circ}$ mp mean: to commence very softly increase the sound to the
loudest and diminish it again to the strength of the commencement.

## THE SIDE DRUM.

The Side Drum most commonly used is of the Regulation Pattern, composed as follows. A brass shell 15 inches in diameter, the top and bottom being covered with vellum stretched on flesh hoops. These are fastened to the shell by broad wooden hoops and regulated by six rods and brase serew nuts placed round the shell. The vellum on the top side where the drum is beaten is called the. batter head and the bottom the snare head. Across the snare head are placed the snares which consist of four or six pieces of catgut.

The Side Drum has (like other instruments) to be tuned to a certain pitch, in order to make its sound agreable to the ear. The tuning is done by turning the nuts which are placed on the rods; but this must be done systematically, first take one nut and give it two turns, then cross to the one opposite also giving it two turns, then the next, after which cross again, and so on.

The diagram attached shows how it should be done.
This screwing must be repeated, till the drum has the right ten_ sion, the sole test of which is the ear of the player. The turning should be carrfully studied as a deal of attention is required. If screwed too tightly a tubby sound will be produced and if on the contrary the tension is insufficient a jarring sound will be the result.

After use the nuts should be unscrewed in the manner indicated in the diagram before referred to, otherwise the vellum will become overstretched.


The Side Drum is played by beating on the batter head with two sticks. The sticks are made of hard wood, cocoawood or ebony being usually employed.

For practise, instead of the Side Drum, an excellent substitute is found in an invention styled the silent Drum consisting of a pad of india rubber. This will considerably reduce the noise and at the same time prevent injury to the drum.

## INSTRUCTIONS.

The Side Drum can be played in a sitting or standing position. The standing position is prefer able, besides being the only one practicable in military service. The performer should stand upright, but quite at ease. The left heel is placed in the hollow of the right foot. The head and shoulders slightly thrown back.-

The carriage belt on which the drum is hung, is slung on the right shoulder, the head and left arm passing through it. The Ring, Hook or Swivel attached at the end, is brought a little to the front of the body and the drum is fastened to it, the whole resting on the left thigh. The right hand Stick is grasped with the whole hand, about two inches from the butt end, the thumb well under.

The left hand stick is held between the thumb and forefinger, the butt end lying in the hollow. Com. mencing from the butt end it will then pass between the second and third fingers and rest on the first joint of the third finger. The ends of the fingers will slightly bend towards the palm of the hand, the butt end of the stick projecting two inches untouched.

The right elbow is kept almost close to the body, the left is slightly raised, so that the knob of the stick touches the drum head.

It must be observed that beating the drum should be done by the wrist of each hand and not too much by the arms, which make the beating stiff. The wrists are the means of making the sticks dance with elasticity. (See figures on next page.)



The music for the Side Drum is usually written in the Treble clef in the third space.

 But it frequently occurs that its music is written together with the Bass Drum part, both parts be_ ing then written in the Bass elef, the Bass drum part with down strokes and the Side drum part with up strokes. | -9 | $A$ |
| :--- | :--- | music is written, as the Side drum produces only one sound, the chief item being its rhythm.

## THE ROLL.

The Roll is the Key to all Beats on the Side drum and unless it is properly practised and executed the papil will never become a good drummer. The long roll should be studied first. It takes a long time to acquire properly, therefore great perseverance and patience are necessary but with a firm resolution it can be done, and the pupil will be amply rewarded for the time spent over it.

To practise the Long Roll, the pupil stands as already instructed, (see figure III! then very slowly strikes two taps in the centre of the drum, first with the left hand stick, and then with the right hand, repeating the strokes succesively and alternately, and at the same time keeping them slow and even.

In heginning the lesson the hanus are brought nearly level with the forehead, the knob of the stick slightly elevated, the back of the right hand, when lifted turning towards the face.

First study very slowly and increase by degrees in speed.
Do not strike one stick heavier than the other.
Do not allow the sticks to come in contract with each other.
Strike in the centre without looking down on the drum.
Every roll commences with the left hand stick.
Should the roll become uneven, stop, and commence again.

When the Roll is practised slowly, it is called the 0pen Roll, (Drummers in the British service term it "Daddy Mammy" as it, resembles the accents of those words.) When donequickly, it is called the Close Roll.

> Open and Close.

The letter $L$. under a note indicates that the beats are to be made with the left hand and $R$. with the right hand. To facilitate reading, the notes for the left hand are marked with down strokes and for the right hand with up strokes in the earlier exercises.

## THE FIRST EXERCISES.

Practise strictly in time and make every beat even.


5.


The roll open and close is represented thus.


The roll is written in this way the shake, or trillo or placed over any note indicates it to be a Roll, but its duration must be equivalent to the value of the note.

A roll of six bars in common time. Count four in the bar.


> Exercise to open, close and open again.


The Seven Stroke Roll
is one most frequently used. It should like the other rolls be practised slowly first. Not being a Hand to Hand roll it should always commence with the left hand.


The Five Stroke Roll
also called from "Hand to Hand," because the first five commence with the left hand, and the next five with the right hand.


The same written

The same written

The Eight Stroke Roll. (From Hand to Hand.)


The same written
abbreviated:


The Nine Stroke Roll.
(From Hand to Hand.)


The same written
abbreviated:


The Ten Stroke Roll.


The same written
abbreviated:


The Eleven Stroke Roll.


The same written

These Beats also should be carefully practised as they give great facility in execution.





The long Roll has a certain length. When the long roll commences softly and finishes loud, the fi_ nishing note should be well accentuated.


When the long roll commences loud and finishes soft, the two sticks should from $p$ part gradually move towards the hoop, but rolling all the time and concluding the Roll almost inaudibly.


The open Flam.
The grace note or single Appogfiatura, should be heard very distinctly before the principal note, although played much softer than the principal. The latter should be delivered with a slight sforzando. It should sound like.


The close Flam. (From Hand to Hand.)


Right Hand close Flam.

## 3. Preferable in rapid passages.



Left Hand close Flam.



Flam and Stroke. (From Hand to Hand.)


Flam and Feint. (From Hand to Hand.)
9. Tap the Semiquaver very softly.


Feint and Flam.


Other Studies.



The open Drag. (From Hand to Hand.)
16. How to play the double appogifiatura (see page 10)


The close Drag. (From Hand to Hand.)
17. Is similar to the open Dras.


Drag and Stroke. (From Hand to Hand.)


Double Drag and Stroke. (From Hand to Hand.)


The single Drag. (From Hand to Hand.)
21.


The double Dhag. (From Hand to Hand.)


Four Stroke Rough.
23. Each note is given with a separate stroke.


Five Stoke.


The single Paradidle. (From Hand to Hand.)
25. This kind of beating is very essential when in a quick movement the notes have to be delivered staccato.


Flam Paradidle. (From Hand to Hand.)


Stroke Paradidle. (From Hand to Hand.)


Drag Paradidle. (From Hand to Hand.)


Stroke and Drag Paradidle. (From Hand to Hand.)


Stroke, Flam and Drag Paradidle. (From Hand to Hand.)

Various Exercises.

1. Andante.

奔:C M

Allegretto.




2. Maestoso.




母
3. Allegro.

毒:


5. Allegretto.






青 F 픈




务


## 8．Moderato．



崣的


9．Bolero．




10 Allegretto．

毒里号：
亘是品



务


## 12 Scherzando．

条8 sina b …… …争以昆毒
13. Allegretto.






宾

14. Andanto.




15. Lento.








17. Maestoso.
 (9)




## OTHER EFFECTS.

Several other effects are obtained on the Side Drum, for instance striking the two sticks together, or rather strikinf with the right stick on the left one. Also striking with one or both sticks on the hoop, or having a Faradidle or Roll on the hoop. Such effects are always specially indicated in the Drum parts.

## March.

18. 



Polka.
The whole with both sticks on the hoop.


An effective Roll on the Hoop.
The notes with down strokes p. are played on the Drum and the notes with up strokes are played on the Hoop, with both hands as marked.


The Roll must be heard quite distinctly, while the other notes must be played sharply accentuated. Should be practised very slowly at first.

## THE MUFELED DRUM.

The sound of the Side Drum can be made dismal and dull by putting a cloth between the Snares and vellum which effect is used for funeral marches. The greater the number of Drums the more effective it is.

The Dead March.
(All the Drams maffled.) The top line is the melody of the March.


Various calls from the British military service will now follow. The top line, being the melody, will generally be played on the Fife.

## VARIOUS CALLS.

The Reveille.
OR
The Rouse at Daybreak.
Signal Strokes of the Side Drums
Double quick time.


Tune played to the intronctorory Rolls.


Scotch Reveille.
Marching in quick time.



Finale.
Double Quick time.



Breakfast and Dinner Call.
Quick time.


The Drummers Call.
Quick march time.


Sergeants, or Orderlies for Companies Call.
Drums without Fifes.


> Non C. Officers or Sergeants and Corporals Call.


> Quick march time. T0....................................



Commence Firing.
Drum without Fifes.


Cease Firing.


Piquet Call.
Quick march time.


Recruiting Call.


The School Call.


Cherch Call.


Meat Call.
Slow march time.


The United Kingdom.


## ACCESSORIES

played in connection with the Side Drum id the orchestra.
It occurs frequently thiat accessories are introduced for special effects in the orchestra and are as a rule allotted to the performers on the Side and Bass Drums. They are generally introduced when the Drums have rests and are always specially marked in the part.
The names of some such accessories are: The Tambourine, Triangle, Castanets, Pop Guns, Sledge Bells, Whips, Whistles, Stamping sticks, Glockenspiel; \&c. also instruments which imitate the Cuckoo and other singing Birds. Most of these instruments are so easy to handle, that it is scarcely necessary to write about them, but to give a general idea, some examples of orchestral parts are given below.

## ORCHESTRAL STUDIES.

## Allegretto.

## Spanish Dance.

Tambourin.


Tambourin.

Cuckoo and Cricket Polika.



Trio. Cricket.



Coda.



Overture＂Martha＇．
Andante．
SIDE DRCM.

Flotow．


Larghetto．
$21 \boldsymbol{f f}$


Allegro di marcia．
March from Faust．


青考青 Tempo marciale．
毒 童青 昰

Maestoso marziale.
Rossini.









 Allegro moderato.

The Kadr.
A. Thomas.

 $\mathscr{J f}$


# Overture "Fra Diavolo" 

Allegro maestoso.
AtBER.








 Overture "Rienzi."
Molto sostenuto e marcato.


| $0 \cdot 5$ | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 70 |  |  |  | 0 | 0 | 0 |  | 0 | 0 | 0 | 0 | $p p$ |
| \# | 5 | $\%$ | \% | \% | $\%$ | ? | \% | 3 | 3 | 3 | $3$ |  |



Andante marcato.
Rossini.



Andante.
Tympani Solo.
Flotow.











Più lento e maestoso.














 (\&)



Allegro.
A. ADim.

f(9)



(\%)




Prayer.



The British Grenadier's March.


The National Anthem.


## THE BASS DRUM.

The Bass Dram in the orchestra is as a rule played or rather beaten together with the Cymbals, One Cymbal is fastened on the left hoop, while the other is held in the left hand and struck on that which is fastened to the drum. The stroke should always be made sideways which makes the Cym_ bals vibrate more, never straight down. The stick is held in the right hand and beaten on the batter head. It should be understood, that Cymbals and Drum are always beaten together, unless otherwise marked in the Part. The same Accessories as for the Side Drum are introduced in the Bass Drum parts.

## March.

The Side Drum and Bass Drum parts are here written together. The notes with up strokes in the $3^{\text {rd }}$ space are for the Side Dram, and the notes in the $2^{\text {nd }}$ space with down strokes are for the Bass Drum.


[^0]
## A LIST OF THE PRINCIPAL WORDS USED IN MODERN MUSIC

## With their Abbreviations and Explanations.



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[^0]:    * With stick on Cymbal if i- always meant to beat with the stick on the cymbal, held iy a leathey strap in the left hand.

